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OM nucleic - nucleic search, using sw model

Run on: October 28, 2004, 10:42:45 : Search time 109 Seconds

(without alignments)
3.616 Million cell updates/sec

Title: us-10-003-919-3

Perfect score: 5273

Sequence: 1 ctaggcgatgcacccacg.....aattgccttcttaaaa 5273

Scoring table: IDENTITY NUC

Gapop 10.0, Gapext 0.5

Searched: 1774 seqs, 37370 residues

Total number of hits satisfying chosen parameters: 3548

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1790 summaries

Database : rmpdb.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	43.4	0.8	50	1 US-10-131-827-2784	Sequence 2784, App1
2	28	0.5	28	1 US-10-003-919-6	Sequence 6, App1
3	27.2	0.5	32	1 US-10-240-376A-49	Sequence 49, App1
4	27.2	0.5	40	1 US-10-661-088-26	Sequence 26, App1
5	27.2	0.5	40	1 US-10-661-097-26	Sequence 26, App1
6	27.2	0.5	40	1 US-10-661-355-26	Sequence 26, App1
7	27.2	0.5	40	1 US-10-661-099-26	Sequence 26, App1
8	26.8	0.5	40	1 US-10-661-088-25	Sequence 25, App1
9	26.8	0.5	40	1 US-10-661-097-25	Sequence 25, App1
10	26.8	0.5	40	1 US-10-661-355-25	Sequence 25, App1
11	26.8	0.5	40	1 US-10-661-099-25	Sequence 25, App1
12	26	0.5	26	1 US-10-003-919-4	Sequence 4, App1
13	25.6	0.5	26	1 US-10-003-919-5	Sequence 5, App1
14	25.6	0.5	33	1 US-09-232-785-364	Sequence 364, App1
15	25.6	0.5	36	1 US-09-232-785-365	Sequence 365, App1
16	25.6	0.5	37	1 US-09-263-959-766	Sequence 766, App1
17	24.4	0.5	27	1 US-09-725-363A-6	Sequence 6, App1
18	24.4	0.5	28	1 US-09-263-959-474	Sequence 474, App1
19	24	0.5	36	1 US-10-418-182-67	Sequence 67, App1
20	23.8	0.5	27	1 US-10-418-182-146	Sequence 146, App1
21	23.8	0.5	29	1 US-10-240-376A-50	Sequence 50, App1
22	23.8	0.5	32	1 US-09-910-469-132	Sequence 132, App1
23	23.8	0.5	32	1 US-09-910-469-152	Sequence 152, App1
24	23.8	0.5	32	1 US-09-910-469-162	Sequence 162, App1
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28	23.4	0.4	26	1 US-10-085-906-171	Sequence 171, App1
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30	22.4	0.4	24	1 US-09-263-959-862	Sequence 862, App1
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C 140	18.6	0.4	27	1	US-10-418-182-176	Sequence 176, App	213	17.2	0.3	25	1	US-10-098-263B-99589	Sequence 99589, A
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C 287	16.6	0.3	25	1	US-10-098-263B-16377	Sequence 16377, A	C 360	16	0.3	18	1	US-10-181-316-78	Sequence 78, App1
C 288	16.6	0.3	25	1	US-10-098-263B-28207	Sequence 28207, A	C 361	16	0.3	18	1	US-10-181-316-129	Sequence 129, App
C 289	16.6	0.3	25	1	US-10-098-263B-28332	Sequence 28332, A	C 362	16	0.3	18	1	US-09-949-427-203	Sequence 203, App
C 290	16.6	0.3	25	1	US-10-098-263B-34648	Sequence 34648, A	C 363	16	0.3	20	1	US-09-949-428-203	Sequence 203, App
C 291	16.6	0.3	25	1	US-10-098-263B-47471	Sequence 47471, A	C 364	16	0.3	20	1	US-10-181-874-15	Sequence 15, App1
C 292	16.6	0.3	25	1	US-10-098-263B-50535	Sequence 50535, A	C 365	16	0.3	21	1	US-10-435-696-132	Sequence 132, App
C 293	16.6	0.3	25	1	US-10-098-263B-50536	Sequence 50536, A	C 366	16	0.3	24	1	US-09-940-185-578	Sequence 578, App
C 294	16.6	0.3	25	1	US-10-098-263B-68988	Sequence 68988, A	C 367	16	0.3	24	1	US-10-411-954-284	Sequence 284, App
C 295	16.6	0.3	25	1	US-10-098-263B-79979	Sequence 79979, A	C 368	16	0.3	24	1	US-10-087-784-128	Sequence 128, App
C 296	16.6	0.3	25	1	US-10-098-263B-91592	Sequence 91592, A	C 369	16	0.3	24	1	US-10-218-679-128	Sequence 128, App
C 297	16.6	0.3	25	1	US-10-098-263B-100105	Sequence 100105, A	C 370	16	0.3	24	1	US-10-617-070-284	Sequence 284, App
C 298	16.6	0.3	25	1	US-10-061-201-3140	Sequence 3140, App	C 371	16	0.3	25	1	US-10-098-2638-83203	Sequence 83203, A
C 299	16.6	0.3	25	1	US-10-325-810-435	Sequence 435, App	C 372	16	0.3	25	1	US-10-098-2638-83204	Sequence 83204, A
C 300	16.6	0.3	25	1	US-10-717-597-4371	Sequence 4371, App	C 373	15.8	0.3	19	1	US-10-251-117-199	Sequence 199, App
C 301	16.6	0.3	25	1	US-10-723-361-13559	Sequence 13559, A	C 374	15.8	0.3	19	1	US-10-251-117-448	Sequence 448, App
C 302	16.6	0.3	25	1	US-10-723-361-13560	Sequence 13560, A	C 375	15.8	0.3	19	1	US-10-357-488-27	Sequence 27, App1
C 303	16.6	0.3	25	1	US-10-723-361-13561	Sequence 13561, A	C 376	15.8	0.3	19	1	US-10-349-143-5847	Sequence 5847, App
C 304	16.6	0.3	25	1	US-10-775-169-1988	Sequence 1988, App	C 377	15.8	0.3	19	1	US-10-399-872-1	Sequence 1, App1
C 305	16.6	0.3	25	1	US-10-775-169-1989	Sequence 1989, App	C 378	15.8	0.3	20	1	US-09-800-631-84	Sequence 84, App1
C 306	16.6	0.3	25	1	US-10-775-169-4475	Sequence 4475, App	C 379	15.8	0.3	20	1	US-09-752-639-77	Sequence 77, App1
C 307	16.6	0.3	25	1	US-10-775-169-4476	Sequence 4476, App	C 380	15.8	0.3	20	1	US-09-984-198-87	Sequence 87, App1
C 308	16.4	0.3	18	1	US-09-263-959-515	Sequence 515, App	C 381	15.8	0.3	20	1	US-09-888-326-410	Sequence 410, App
C 309	16.4	0.3	18	1	US-09-263-959-535	Sequence 535, App	C 382	15.8	0.3	20	1	US-09-509-595-62	Sequence 62, App1
C 310	16.4	0.3	18	1	US-09-263-959-565	Sequence 565, App	C 383	15.8	0.3	20	1	US-09-10-185-53	Sequence 53, App1
C 311	16.4	0.3	18	1	US-09-263-959-873	Sequence 873, App	C 384	15.8	0.3	20	1	US-09-776-479-243	Sequence 243, App
C 312	16.4	0.3	18	1	US-09-232-785-396	Sequence 396, App	C 385	15.8	0.3	20	1	US-09-776-479-243	Sequence 243, App
C 313	16.4	0.3	18	1	US-10-011-204-3	Sequence 3, App1	C 386	15.8	0.3	20	1	US-09-920-394-30	Sequence 30, App1
C 314	16.4	0.3	18	1	US-10-011-204-4	Sequence 4, App1	C 387	15.8	0.3	20	1	US-09-965-101-57	Sequence 57, App1
C 315	16.4	0.3	18	1	US-10-077-383-51	Sequence 31, App1	C 388	15.8	0.3	20	1	US-10-112-653-235	Sequence 235, App
C 316	16.4	0.3	18	1	US-10-077-383-92	Sequence 32, App1	C 389	15.8	0.3	20	1	US-10-112-653-243	Sequence 243, App
C 317	16.4	0.3	19	1	US-10-027-632-178630	Sequence 178630, A	C 390	15.8	0.3	20	1	US-10-293-783-84	Sequence 84, App1
C 318	16.4	0.3	19	1	US-10-027-632-178630	Sequence 178630, A	C 391	15.8	0.3	20	1	US-10-314-578-243	Sequence 243, App
C 319	16.4	0.3	19	1	US-10-027-632-178653	Sequence 178653, A	C 392	15.8	0.3	20	1	US-10-388-263-732	Sequence 732, App
C 320	16.4	0.3	19	1	US-10-027-632-178653	Sequence 178653, A	C 393	15.8	0.3	20	1	US-10-174-319-5	Sequence 5, App1
C 321	16.4	0.3	20	1	US-10-349-143-10860	Sequence 10860, A	C 394	15.8	0.3	20	1	US-10-289-762-6014	Sequence 6014, App
C 322	16.4	0.3	21	1	US-09-969-373-5091	Sequence 373, App	C 395	15.8	0.3	20	1	US-10-435-696-218	Sequence 218, App
C 323	16.4	0.3	21	1	US-09-949-928-120	Sequence 120, App	C 396	15.8	0.3	20	1	US-10-213-796-85	Sequence 85, App1
C 324	16.4	0.3	21	1	US-10-066-960-120	Sequence 120, App	C 397	15.8	0.3	20	1	US-10-213-796-155	Sequence 155, App
C 325	16.4	0.3	21	1	US-10-409-627-120	Sequence 120, App	C 398	15.8	0.3	20	1	US-10-660-341-72	Sequence 72, App1

399	15.8	0.3	20	1	US-10-457-890A-2	Sequence 2, Appl1	C 472	15.6	0.3	24	1	US-09-978-194A-573	Sequence 573, App
C 400	15.8	0.3	20	1	US-10-317-277A-69	Sequence 69, Appl	C 473	15.6	0.3	24	1	US-09-999-829A-573	Sequence 573, App
C 401	15.8	0.3	20	1	US-10-317-277A-144	Sequence 144, Appl	C 474	15.6	0.3	24	1	US-09-978-299A-573	Sequence 573, App
C 402	15.8	0.3	20	1	US-10-671-395-57	Sequence 57, Appl	C 475	15.6	0.3	24	1	US-09-978-544A-573	Sequence 573, App
C 403	15.8	0.3	20	1	US-10-671-395-58	Sequence 58, Appl	C 476	15.6	0.3	24	1	US-09-978-668A-573	Sequence 573, App
C 404	15.8	0.3	20	1	US-10-619-739-317	Sequence 317, Appl	C 477	15.6	0.3	24	1	US-09-978-802A-573	Sequence 573, App
C 405	15.8	0.3	21	1	US-10-023-066A-46	Sequence 46, Appl	C 478	15.6	0.3	24	1	US-09-999-831A-573	Sequence 573, App
C 406	15.8	0.3	21	1	US-10-184-085A-54	Sequence 54, Appl	C 479	15.6	0.3	24	1	US-10-017-081A-573	Sequence 573, App
C 407	15.8	0.3	21	1	US-10-331-907-208	Sequence 208, Appl	C 480	15.6	0.3	24	1	US-10-167-749-573	Sequence 573, App
C 408	15.8	0.3	21	1	US-10-131-827-8771	Sequence 8771, Ap	C 481	15.6	0.3	24	1	US-10-013-921A-573	Sequence 573, App
C 409	15.8	0.3	21	1	US-10-786-720-12933	Sequence 12933, A	C 482	15.6	0.3	24	1	US-10-013-922A-573	Sequence 573, App
C 410	15.8	0.3	21	1	US-10-786-720-14806	Sequence 14806, A	C 483	15.6	0.3	24	1	US-10-016-177A-573	Sequence 573, App
C 411	15.8	0.3	21	1	US-10-786-720-14808	Sequence 14808, A	C 484	15.6	0.3	24	1	US-10-166-709A-573	Sequence 573, App
C 412	15.8	0.3	21	1	US-10-786-720-17482	Sequence 17482, A	C 485	15.6	0.3	24	1	US-10-143-031A-573	Sequence 573, App
C 413	15.8	0.3	21	1	US-10-786-720-17484	Sequence 17484, A	C 486	15.6	0.3	24	1	US-10-143-030A-573	Sequence 573, App
C 414	15.8	0.3	21	1	US-10-786-720-18670	Sequence 18670, A	C 487	15.6	0.3	24	1	US-10-108-865-24	Sequence 24, Appl
C 415	15.8	0.3	21	1	US-10-786-720-18672	Sequence 18672, A	C 488	15.6	0.3	24	1	US-10-002-967A-573	Sequence 573, App
C 416	15.8	0.3	21	1	US-10-786-720-19517	Sequence 19517, A	C 489	15.6	0.3	24	1	US-10-017-083A-573	Sequence 573, App
C 417	15.8	0.3	22	1	US-10-085-198-287	Sequence 287, App	C 490	15.6	0.3	24	1	US-10-145-128A-573	Sequence 573, App
C 418	15.8	0.3	23	1	US-08-983-605-232	Sequence 232, App	C 491	15.6	0.3	24	1	US-10-017-191A-573	Sequence 573, App
C 419	15.8	0.3	23	1	US-09-911-904-41	Sequence 41, Appl	C 492	15.6	0.3	24	1	US-10-143-028A-573	Sequence 573, App
C 420	15.8	0.3	23	1	US-10-466-205-26	Sequence 26, Appl	C 493	15.6	0.3	24	1	US-10-143-028A-573	Sequence 573, App
C 421	15.8	0.3	24	1	US-10-032-585-4873	Sequence 4873, Ap	C 494	15.6	0.3	24	1	US-10-143-082A-573	Sequence 573, App
C 422	15.8	0.3	24	1	US-10-680-341-81	Sequence 81, Appl	C 495	15.6	0.3	24	1	US-10-165-067A-573	Sequence 573, App
C 423	15.8	0.3	24	1	US-10-312-308-26	Sequence 26, Appl	C 496	15.6	0.3	24	1	US-10-145-017A-573	Sequence 573, App
C 424	15.6	0.3	22	1	US-09-737-149-20	Sequence 20, Appl	C 497	15.6	0.3	24	1	US-10-164-728A-573	Sequence 573, App
C 425	15.6	0.3	22	1	US-09-995-542-18	Sequence 18, Appl	C 498	15.6	0.3	24	1	US-10-013-926A-573	Sequence 573, App
C 426	15.6	0.3	22	1	US-09-912-679-60	Sequence 60, Appl	C 499	15.6	0.3	24	1	US-10-165-247A-573	Sequence 573, App
C 427	15.6	0.3	22	1	US-09-466-035-60	Sequence 60, Appl	C 500	15.6	0.3	24	1	US-10-145-124A-573	Sequence 573, App
C 428	15.6	0.3	22	1	US-09-972-115A-42	Sequence 42, Appl	C 501	15.6	0.3	24	1	US-10-160-502A-573	Sequence 573, App
C 429	15.6	0.3	22	1	US-10-085-198-315	Sequence 315, App	C 502	15.6	0.3	24	1	US-10-117-109-26	Sequence 26, Appl
C 430	15.6	0.3	22	1	US-10-210-130-237	Sequence 237, App	C 503	15.6	0.3	24	1	US-10-117-109-26	Sequence 26, Appl
C 431	15.6	0.3	22	1	US-10-210-130-240	Sequence 240, App	C 504	15.6	0.3	24	1	US-10-145-087A-573	Sequence 573, App
C 432	15.6	0.3	22	1	US-10-435-696-180	Sequence 180, App	C 505	15.6	0.3	24	1	US-10-017-086A-573	Sequence 573, App
C 433	15.6	0.3	22	1	US-10-701-283-20	Sequence 20, Appl	C 506	15.6	0.3	24	1	US-10-164-822A-573	Sequence 573, App
C 434	15.6	0.3	23	1	US-09-247-890-20	Sequence 20, Appl	C 507	15.6	0.3	24	1	US-10-164-922A-573	Sequence 573, App
C 435	15.6	0.3	23	1	US-09-863-455-5	Sequence 5, Appl1	C 508	15.6	0.3	24	1	US-10-407-078-25	Sequence 25, Appl
C 436	15.6	0.3	23	1	US-10-140-293-7	Sequence 7, Appl1	C 509	15.6	0.3	24	1	US-10-407-078-26	Sequence 26, Appl
C 437	15.6	0.3	23	1	US-10-334-488-91	Sequence 91, Appl	C 510	15.6	0.3	24	1	US-10-013-922A-573	Sequence 573, App
C 438	15.6	0.3	23	1	US-10-367-438-300	Sequence 300, App	C 511	15.6	0.3	24	1	US-10-020-445A-573	Sequence 573, App
C 439	15.6	0.3	23	1	US-10-383-317-20	Sequence 20, Appl	C 512	15.6	0.3	24	1	US-10-013-924A-573	Sequence 573, App
C 440	15.6	0.3	23	1	US-10-658-304-25	Sequence 25, Appl	C 513	15.6	0.3	24	1	US-10-017-084A-573	Sequence 573, App
C 441	15.6	0.3	23	1	US-10-312-373-20	Sequence 20, Appl	C 514	15.6	0.3	24	1	US-10-145-016A-573	Sequence 573, App
C 442	15.6	0.3	23	1	US-10-343-319-4	Sequence 4, Appl1	C 515	15.6	0.3	24	1	US-10-145-088A-573	Sequence 573, App
C 443	15.6	0.3	24	1	US-09-920-552-37	Sequence 37, Appl	C 516	15.6	0.3	24	1	US-10-145-092A-573	Sequence 573, App
C 444	15.6	0.3	24	1	US-09-777-732-20	Sequence 20, Appl	C 517	15.6	0.3	24	1	US-10-145-128A-573	Sequence 573, App
C 445	15.6	0.3	24	1	US-09-978-295A-573	Sequence 573, App	C 518	15.6	0.3	24	1	US-10-165-038A-573	Sequence 573, App
C 446	15.6	0.3	24	1	US-09-978-697-573	Sequence 573, App	C 519	15.6	0.3	24	1	US-10-165-352A-573	Sequence 573, App
C 447	15.6	0.3	24	1	US-09-978-192A-573	Sequence 573, App	C 520	15.6	0.3	24	1	US-10-167-600-573	Sequence 573, App
C 448	15.6	0.3	24	1	US-09-999-832A-573	Sequence 573, App	C 521	15.6	0.3	24	1	US-10-170-481A-573	Sequence 573, App
C 449	15.6	0.3	24	1	US-09-978-189-573	Sequence 573, App	C 522	15.6	0.3	24	1	US-10-172-039A-573	Sequence 573, App
C 450	15.6	0.3	24	1	US-09-978-608A-573	Sequence 573, App	C 523	15.6	0.3	24	1	US-10-210-028-573	Sequence 573, App
C 451	15.6	0.3	24	1	US-09-978-585A-573	Sequence 573, App	C 524	15.6	0.3	24	1	US-10-017-088A-573	Sequence 573, App
C 452	15.6	0.3	24	1	US-09-978-191A-573	Sequence 573, App	C 525	15.6	0.3	24	1	US-10-013-916A-573	Sequence 573, App
C 453	15.6	0.3	24	1	US-09-978-403A-573	Sequence 573, App	C 526	15.6	0.3	24	1	US-10-143-028B-573	Sequence 573, App
C 454	15.6	0.3	24	1	US-09-978-564A-573	Sequence 573, App	C 527	15.6	0.3	24	1	US-10-013-918A-573	Sequence 573, App
C 455	15.6	0.3	24	1	US-09-999-833A-573	Sequence 573, App	C 528	15.6	0.3	24	1	US-10-162-521A-573	Sequence 573, App
C 456	15.6	0.3	24	1	US-09-981-915A-573	Sequence 573, App	C 529	15.6	0.3	24	1	US-10-013-928A-573	Sequence 573, App
C 457	15.6	0.3	24	1	US-09-978-824-573	Sequence 573, App	C 530	15.6	0.3	24	1	US-10-162-522A-573	Sequence 573, App
C 458	15.6	0.3	24	1	US-09-918-855A-573	Sequence 573, App	C 531	15.6	0.3	24	1	US-10-013-923A-573	Sequence 573, App
C 459	15.6	0.3	24	1	US-09-999-834A-573	Sequence 573, App	C 532	15.6	0.3	24	1	US-10-013-925A-573	Sequence 573, App
C 460	15.6	0.3	24	1	US-09-978-423A-573	Sequence 573, App	C 533	15.6	0.3	24	1	US-10-013-927A-573	Sequence 573, App
C 461	15.6	0.3	24	1	US-09-978-193A-573	Sequence 573, App	C 534	15.6	0.3	24	1	US-10-443-694-124	Sequence 124, Appl
C 462	15.6	0.3	24	1	US-09-999-830A-573	Sequence 573, App	C 535	15.6	0.3	24	1	US-10-145-091A-573	Sequence 573, App
C 463	15.6	0.3	24	1	US-09-978-757A-573	Sequence 573, App	C 536	15.6	0.3	24	1	US-10-013-918A-573	Sequence 573, App
C 464	15.6	0.3	24	1	US-09-940-185-1743	Sequence 1743, Ap	C 537	15.6	0.3	24	1	US-10-013-920A-573	Sequence 573, App
C 465	15.6	0.3	24	1	US-09-978-187B-573	Sequence 573, App	C 538	15.6	0.3	24	1	US-10-449-795-7	Sequence 7, Appl1
C 466	15.6	0.3	24	1	US-09-778-013-20	Sequence 20, Appl	C 539	15.6	0.3	24	1	US-10-164-749A-573	Sequence 573, App
C 467	15.6	0.3	24	1	US-09-978-643A-573	Sequence 573, App	C 540	15.6	0.3	24	1	US-10-013-917A-573	Sequence 573, App
C 468	15.6	0.3	24	1	US-09-978-375A-573	Sequence 573, App	C 541	15.6	0.3	24	1	US-10-665-460A-10	Sequence 30, Appl
C 469	15.6	0.3	24	1	US-09-978-298A-573	Sequence 573, App	C 542	15.6	0.3	24	1	US-10-433-488A-29	Sequence 29, Appl
C 470	15.6	0.3	24	1	US-09-978-188A-573	Sequence 573, App	C 543	15.6	0.3	24	1	US-10-614-623-124	Sequence 124, Appl
C 471	15.6	0.3	24	1	US-09-978-681A-573	Sequence 573, App	C 544	15.4	0.3	17	1	US-09-866-109-1345	Sequence 1345, Ap

545	15.4	0.3	17	1	US-09-866-108-1346	Sequence 1346, Ap	618	15.2	0.3	20	1	US-10-112-653-38	Sequence 38, Appl
546	15.4	0.3	17	1	US-09-866-108-1347	Sequence 1347, Ap	619	15.2	0.3	20	1	US-10-017-995-39	Sequence 39, Appl
547	15.4	0.3	17	1	US-09-866-108-8198	Sequence 8198, Ap	620	15.2	0.3	20	1	US-10-017-995-39	Sequence 39, Appl
548	15.4	0.3	17	1	US-09-263-959-488	Sequence 488, App	621	15.2	0.3	20	1	US-10-081-969-43	Sequence 43, Appl
549	15.4	0.3	17	1	US-09-263-959-576	Sequence 576, App	622	15.2	0.3	20	1	US-10-173-228-27	Sequence 27, Appl
550	15.4	0.3	17	1	US-09-263-959-584	Sequence 584, App	623	15.2	0.3	20	1	US-10-010-002-81	Sequence 81, Appl
551	15.4	0.3	17	1	US-09-792-818-482	Sequence 482, App	624	15.2	0.3	20	1	US-10-293-783-110	Sequence 110, App
552	15.4	0.3	17	1	US-10-062-458-15	Sequence 15, Appl	625	15.2	0.3	20	1	US-10-032-585-5858	Sequence 5858, Ap
553	15.4	0.3	17	1	US-10-238-700-3	Sequence 3, Appl	626	15.2	0.3	20	1	US-10-352-886-13	Sequence 13, Appl
554	15.4	0.3	17	1	US-10-064-201-1079	Sequence 1079, Ap	627	15.2	0.3	20	1	US-10-302-262-11	Sequence 11, Appl
555	15.4	0.3	17	1	US-10-723-361-1345	Sequence 1345, Ap	628	15.2	0.3	20	1	US-10-126-555-29	Sequence 29, Appl
556	15.4	0.3	17	1	US-10-723-361-1346	Sequence 1346, Ap	629	15.2	0.3	20	1	US-10-314-578-38	Sequence 38, Appl
557	15.4	0.3	17	1	US-10-723-361-1347	Sequence 1347, Ap	630	15.2	0.3	20	1	US-10-173-902-19	Sequence 19, Appl
558	15.4	0.3	17	1	US-10-723-361-8198	Sequence 8198, Ap	631	15.2	0.3	20	1	US-10-177-502-52	Sequence 52, Appl
559	15.4	0.3	18	1	US-09-904-744-5	Sequence 5, Appl	632	15.2	0.3	20	1	US-10-424-233-41	Sequence 41, Appl
560	15.4	0.3	18	1	US-09-904-744-6	Sequence 6, Appl	633	15.2	0.3	20	1	US-10-388-263-762	Sequence 762, App
561	15.4	0.3	18	1	US-10-292-198-93	Sequence 93, Appl	634	15.2	0.3	20	1	US-10-173-902-19	Sequence 19, Appl
562	15.4	0.3	18	1	US-10-159-257A-93	Sequence 93, Appl	635	15.2	0.3	20	1	US-10-314-578-38	Sequence 38, Appl
563	15.4	0.3	20	1	US-09-242-772-18	Sequence 18, Appl	636	15.2	0.3	20	1	US-10-177-502-52	Sequence 52, App
564	15.4	0.3	20	1	US-09-915-485-74	Sequence 74, Appl	637	15.2	0.3	20	1	US-10-349-143-10366	Sequence 10366, A
565	15.4	0.3	20	1	US-09-754-106-104	Sequence 104, App	638	15.2	0.3	20	1	US-10-349-143-10368	Sequence 10368, A
566	15.4	0.3	20	1	US-10-321-555-9	Sequence 9, Appl	639	15.2	0.3	20	1	US-10-190-366-210	Sequence 210, App
567	15.4	0.3	20	1	US-10-348-485-90	Sequence 90, Appl	640	15.2	0.3	20	1	US-10-190-366-403	Sequence 403, App
568	15.4	0.3	20	1	US-10-345-092-51	Sequence 51, Appl	641	15.2	0.3	20	1	US-10-289-762-2051	Sequence 2051, Ap
569	15.4	0.3	20	1	US-10-174-559-40	Sequence 40, Appl	642	15.2	0.3	20	1	US-10-289-762-2860	Sequence 2860, Ap
570	15.4	0.3	20	1	US-10-289-762-6438	Sequence 6438, Ap	643	15.2	0.3	20	1	US-10-199-675-75	Sequence 75, Appl
571	15.4	0.3	20	1	US-10-317-803-74	Sequence 74, Appl	644	15.2	0.3	20	1	US-10-200-293-65	Sequence 65, Appl
572	15.4	0.3	20	1	US-10-303-588-22	Sequence 22, Appl	645	15.2	0.3	20	1	US-10-188-248-126	Sequence 126, App
573	15.4	0.3	20	1	US-10-745-377-40	Sequence 40, Appl	646	15.2	0.3	20	1	US-10-188-248-129	Sequence 129, App
574	15.4	0.3	20	1	US-10-744-730-4	Sequence 4, Appl	647	15.2	0.3	20	1	US-10-449-237-2	Sequence 2, Appl
575	15.4	0.3	21	1	US-09-765-081-392	Sequence 392, App	648	15.2	0.3	20	1	US-10-409-107A-59	Sequence 59, Appl
576	15.4	0.3	21	1	US-09-828-995B-103	Sequence 103, App	649	15.2	0.3	20	1	US-10-163-828-60	Sequence 60, Appl
577	15.4	0.3	21	1	US-09-750-609-19	Sequence 19, Appl	650	15.2	0.3	20	1	US-10-273-826-22	Sequence 22, Appl
578	15.4	0.3	21	1	US-10-151-061-19	Sequence 19, Appl	651	15.2	0.3	20	1	US-10-273-826-22	Sequence 22, Appl
579	15.4	0.3	21	1	US-10-349-143-11523	Sequence 11523, A	652	15.2	0.3	20	1	US-10-274-347-22	Sequence 22, Appl
580	15.4	0.3	21	1	US-10-452-510-170	Sequence 170, App	653	15.2	0.3	20	1	US-10-374-347-33	Sequence 33, Appl
581	15.4	0.3	21	1	US-10-452-510-171	Sequence 171, App	654	15.2	0.3	20	1	US-10-300-424-68	Sequence 68, Appl
582	15.4	0.3	21	1	US-10-617-334-170	Sequence 170, App	655	15.2	0.3	20	1	US-10-300-424-120	Sequence 120, App
583	15.4	0.3	21	1	US-10-617-334-171	Sequence 171, App	656	15.2	0.3	20	1	US-10-623-672-21	Sequence 21, Appl
584	15.4	0.3	21	1	US-10-702-486-91	Sequence 91, Appl	657	15.2	0.3	20	1	US-10-688-706-141	Sequence 141, Ap
585	15.4	0.3	21	1	US-10-745-377-202	Sequence 202, App	658	15.2	0.3	20	1	US-10-316-232-22	Sequence 22, Appl
586	15.4	0.3	21	1	US-10-745-377-203	Sequence 203, App	659	15.2	0.3	20	1	US-10-316-232-55	Sequence 55, Appl
587	15.4	0.3	21	1	US-10-753-159-103	Sequence 103, App	660	15.2	0.3	20	1	US-10-477-813-16	Sequence 16, Appl
588	15.4	0.3	21	1	US-10-744-455-170	Sequence 170, App	661	15.2	0.3	20	1	US-10-303-588-44	Sequence 44, Appl
589	15.4	0.3	21	1	US-10-744-455-171	Sequence 171, App	662	15.2	0.3	20	1	US-10-303-588-75	Sequence 75, Appl
590	15.4	0.3	21	1	US-10-833-679-170	Sequence 170, App	663	15.2	0.3	20	1	US-10-744-831-81	Sequence 81, Appl
591	15.4	0.3	21	1	US-10-833-679-171	Sequence 171, App	664	15.2	0.3	20	1	US-10-671-395-648	Sequence 648, App
592	15.4	0.3	22	1	US-09-750-609-19	Sequence 39, Appl	665	15.2	0.3	20	1	US-10-652-795-275	Sequence 275, App
593	15.4	0.3	22	1	US-09-864-636A-1851	Sequence 1851, Ap	666	15.2	0.3	20	1	US-10-647-918-275	Sequence 275, App
594	15.4	0.3	22	1	US-09-864-426A-1851	Sequence 1851, Ap	667	15.2	0.3	20	1	US-10-641-455A-233	Sequence 233, App
595	15.4	0.3	22	1	US-10-027-632-51706	Sequence 51706, A	668	15.2	0.3	20	1	US-10-476-021-45	Sequence 45, Appl
596	15.4	0.3	22	1	US-10-027-632-51706	Sequence 51706, A	669	15.2	0.3	20	1	US-10-476-021-45	Sequence 45, Appl
597	15.4	0.3	22	1	US-10-084-839-1851	Sequence 1851, Ap	670	15.2	0.3	21	1	US-09-736-084-71	Sequence 71, Appl
598	15.4	0.3	23	1	US-10-026-741-1	Sequence 1, Appl	671	15.2	0.3	21	1	US-09-816-814-7	Sequence 7, Appl
599	15.2	0.3	20	1	US-09-734-846-11	Sequence 11, Appl	672	15.2	0.3	21	1	US-10-023-066A-45	Sequence 45, Appl
600	15.2	0.3	20	1	US-09-800-631-110	Sequence 110, App	673	15.2	0.3	21	1	US-10-214-832-117	Sequence 117, App
601	15.2	0.3	20	1	US-09-756-095-65	Sequence 65, Appl	674	15.2	0.3	21	1	US-10-168-080-7	Sequence 7, Appl
602	15.2	0.3	20	1	US-09-791-406-17	Sequence 17, Appl	675	15.2	0.3	21	1	US-10-435-166-39	Sequence 39, Appl
603	15.2	0.3	20	1	US-09-996-263-13	Sequence 13, Appl	676	15.2	0.3	21	1	US-10-233-958-38	Sequence 38, Appl
604	15.2	0.3	20	1	US-09-824-322B-275	Sequence 275, App	677	15.2	0.3	21	1	US-10-658-904-21	Sequence 21, Appl
605	15.2	0.3	20	1	US-09-888-326-554	Sequence 554, App	678	15.2	0.3	21	1	US-10-307-817-657	Sequence 657, App
606	15.2	0.3	20	1	US-09-941-492-65	Sequence 65, Appl	679	15.2	0.3	21	1	US-10-383-864-12	Sequence 12, Appl
607	15.2	0.3	20	1	US-09-956-096A-65	Sequence 65, Appl	680	15.2	0.3	21	1	US-10-302-028-7	Sequence 7, Appl
608	15.2	0.3	20	1	US-09-776-479-38	Sequence 38, Appl	681	15.2	0.3	21	1	US-10-372-794-26	Sequence 26, Appl
609	15.2	0.3	20	1	US-09-776-479-38	Sequence 38, Appl	682	15.2	0.3	21	1	US-10-605-498-6	Sequence 6, Appl
610	15.2	0.3	20	1	US-09-776-479-39	Sequence 39, Appl	683	15.2	0.3	21	1	US-10-652-870-305	Sequence 305, App
611	15.2	0.3	20	1	US-09-776-479-39	Sequence 39, Appl	684	15.2	0.3	22	1	US-08-983-603-197	Sequence 197, App
612	15.2	0.3	20	1	US-09-920-394-32	Sequence 32, Appl	685	15.2	0.3	22	1	US-09-999-183-8	Sequence 8, Appl
613	15.2	0.3	20	1	US-09-961-001-71	Sequence 71, Appl	686	15.2	0.3	22	1	US-09-825-751A-34	Sequence 34, Appl
614	15.2	0.3	20	1	US-09-840-743-103	Sequence 103, App	687	15.2	0.3	22	1	US-10-299-867-32	Sequence 32, Appl
615	15.2	0.3	20	1	US-09-838-858-65	Sequence 65, Appl	688	15.2	0.3	22	1	US-10-351-938-9	Sequence 9, Appl
616	15.2	0.3	20	1	US-09-965-101-25	Sequence 25, Appl	689	15.2	0.3	22	1	US-10-639-491-17	Sequence 17, Appl
617	15.2	0.3	20	1	US-10-057-550-28	Sequence 28, Appl	690	15.2	0.3	22	1	US-10-697-036-83	Sequence 83, Appl

691	15.2	0.3	22	1	US-10-415-570A-4	Sequence 4, Appl	764	14.8	0.3	18	1	US-10-765-500-27	Sequence 27, Appl
C 692	15.2	0.3	23	1	US-09-992-128-15	Sequence 15, Appl	765	14.8	0.3	19	1	US-09-901-484A-538	Sequence 538, App
C 693	15.2	0.3	23	1	US-10-658-904-24	Sequence 24, Appl	C 766	14.8	0.3	19	1	US-09-969-377-2067	Sequence 2067, Ap
C 694	15	0.3	15	1	US-09-263-959-440	Sequence 440, App	C 767	14.8	0.3	19	1	US-09-969-377-2069	Sequence 2069, Ap
C 695	15	0.3	15	1	US-09-263-959-712	Sequence 712, App	C 768	14.8	0.3	19	1	US-09-969-377-4453	Sequence 4453, Ap
C 696	15	0.3	15	1	US-09-263-959-717	Sequence 717, App	C 769	14.8	0.3	19	1	US-09-853-526-558	Sequence 538, App
C 697	15	0.3	15	1	US-10-085-906-279	Sequence 279, App	C 770	14.8	0.3	19	1	US-10-239-804-67	Sequence 67, Appl
C 698	15	0.3	16	1	US-09-817-014-142	Sequence 142, App	C 771	14.8	0.3	19	1	US-10-084-555-50	Sequence 50, Appl
C 699	15	0.3	16	1	US-10-056-229-143	Sequence 143, App	C 772	14.8	0.3	19	1	US-10-349-143-7139	Sequence 7139, Ap
C 700	15	0.3	16	1	US-10-628-525-28	Sequence 28, Appl	C 773	14.8	0.3	19	1	US-10-349-143-7300	Sequence 7300, Ap
C 701	15	0.3	17	1	US-09-866-108-6403	Sequence 6403, App	C 774	14.8	0.3	19	1	US-10-605-498-88	Sequence 88, Appl
C 702	15	0.3	17	1	US-09-866-108-6404	Sequence 6404, App	C 775	14.8	0.3	19	1	US-10-731-733-253	Sequence 253, Appl
C 703	15	0.3	17	1	US-09-866-108-6405	Sequence 6405, App	C 776	14.8	0.3	20	1	US-08-983-603-91	Sequence 91, Appl
C 704	15	0.3	17	1	US-09-864-785-552	Sequence 552, App	C 777	14.8	0.3	20	1	US-09-854-883-337	Sequence 347, App
C 705	15	0.3	17	1	US-10-156-306-4972	Sequence 4972, App	C 778	14.8	0.3	20	1	US-09-865-866-65	Sequence 65, Appl
C 706	15	0.3	17	1	US-10-156-306-4973	Sequence 4973, App	C 779	14.8	0.3	20	1	US-09-909-599-63	Sequence 63, Appl
C 707	15	0.3	17	1	US-10-156-306-6977	Sequence 6977, App	C 780	14.8	0.3	20	1	US-09-915-814-66	Sequence 66, Appl
C 708	15	0.3	17	1	US-10-238-700-2	Sequence 2, Appl	C 781	14.8	0.3	20	1	US-09-920-394-49	Sequence 49, Appl
C 709	15	0.3	17	1	US-10-138-674-8013	Sequence 8013, App	C 782	14.8	0.3	20	1	US-09-920-866A-14	Sequence 14, Appl
C 710	15	0.3	17	1	US-10-287-949A-8013	Sequence 8013, App	C 783	14.8	0.3	20	1	US-10-092-140-8	Sequence 8, Appl
C 711	15	0.3	17	1	US-10-723-361-6403	Sequence 6403, App	C 784	14.8	0.3	20	1	US-10-222-334-64	Sequence 64, Appl
C 712	15	0.3	17	1	US-10-723-361-6404	Sequence 6404, App	C 785	14.8	0.3	20	1	US-10-181-107-69	Sequence 69, Appl
C 713	15	0.3	17	1	US-10-723-361-6405	Sequence 6405, App	C 786	14.8	0.3	20	1	US-10-181-846-101	Sequence 101, App
C 714	15	0.3	18	1	US-09-811-92-19	Sequence 19, Appl	C 787	14.8	0.3	20	1	US-10-149-353-13	Sequence 13, Appl
C 715	15	0.3	18	1	US-10-077-383-27	Sequence 27, Appl	C 788	14.8	0.3	20	1	US-10-079-384-33	Sequence 33, Appl
C 716	15	0.3	19	1	US-10-357-488-35	Sequence 35, Appl	C 789	14.8	0.3	20	1	US-10-002-491-24	Sequence 24, Appl
C 717	15	0.3	19	1	US-10-349-143-6558	Sequence 6558, App	C 790	14.8	0.3	20	1	US-10-008-789-30	Sequence 30, Appl
C 718	15	0.3	19	1	US-10-235-463-19	Sequence 19, Appl	C 791	14.8	0.3	20	1	US-10-006-977A-88	Sequence 88, Appl
C 719	15	0.3	19	1	US-10-665-951-1573	Sequence 1573, App	C 792	14.8	0.3	20	1	US-10-027-983-28	Sequence 28, Appl
C 720	15	0.3	19	1	US-10-665-951-1820	Sequence 1820, App	C 793	14.8	0.3	20	1	US-10-006-191-71	Sequence 71, Appl
C 721	15	0.3	20	1	US-09-802-669-53	Sequence 53, Appl	C 794	14.8	0.3	20	1	US-10-006-191-91	Sequence 91, Appl
C 722	15	0.3	20	1	US-09-263-959-1097	Sequence 1097, App	C 795	14.8	0.3	20	1	US-10-169-983-20	Sequence 20, Appl
C 723	15	0.3	20	1	US-10-448-836-113	Sequence 113, App	C 796	14.8	0.3	20	1	US-10-159-834-23	Sequence 23, Appl
C 724	15	0.3	20	1	US-10-448-914A-113	Sequence 113, App	C 797	14.8	0.3	20	1	US-10-448-753-28	Sequence 28, Appl
C 725	15	0.3	20	1	US-10-619-320-53	Sequence 53, Appl	C 798	14.8	0.3	20	1	US-10-181-855-86	Sequence 86, Appl
C 726	15	0.3	20	1	US-10-476-021-106	Sequence 106, App	C 799	14.8	0.3	20	1	US-10-360-510-347	Sequence 347, App
C 727	15	0.3	21	1	US-10-165-099-244	Sequence 244, App	C 800	14.8	0.3	20	1	US-10-160-497-20	Sequence 20, Appl
C 728	15	0.3	21	1	US-10-418-182-109	Sequence 109, App	C 801	14.8	0.3	20	1	US-10-348-750-20	Sequence 20, Appl
C 729	15	0.3	21	1	US-10-418-182-341	Sequence 341, App	C 802	14.8	0.3	20	1	US-10-159-834-23	Sequence 23, Appl
C 730	15	0.3	22	1	US-09-817-014-27	Sequence 27, Appl	C 803	14.8	0.3	20	1	US-10-159-834-96	Sequence 96, Appl
C 731	15	0.3	22	1	US-10-357-488-6	Sequence 6, Appl	C 804	14.8	0.3	20	1	US-10-177-554-59	Sequence 59, Appl
C 732	15	0.3	22	1	US-10-056-229-27	Sequence 27, Appl	C 805	14.8	0.3	20	1	US-10-289-762-1870	Sequence 1870, App
C 733	15	0.3	22	1	US-10-114-270-402	Sequence 402, App	C 806	14.8	0.3	20	1	US-10-289-762-2493	Sequence 2493, App
C 734	15	0.3	23	1	US-09-815-242-1	Sequence 1, Appl	C 807	14.8	0.3	20	1	US-10-289-762-6050	Sequence 6050, App
C 735	15	0.3	23	1	US-09-964-261-69	Sequence 69, Appl	C 808	14.8	0.3	20	1	US-10-435-696-303	Sequence 303, App
C 736	15	0.3	23	1	US-09-883-152-93	Sequence 93, Appl	C 809	14.8	0.3	20	1	US-10-425-037-1	Sequence 1, Appl
C 737	15	0.3	23	1	US-10-060-759A-5	Sequence 5, Appl	C 810	14.8	0.3	20	1	US-10-273-825-39	Sequence 39, Appl
C 738	15	0.3	23	1	US-10-032-393-24	Sequence 24, Appl	C 811	14.8	0.3	20	1	US-10-274-347-39	Sequence 39, Appl
C 739	15	0.3	23	1	US-10-291-230-3	Sequence 3, Appl	C 812	14.8	0.3	20	1	US-10-280-183A-544	Sequence 544, App
C 740	15	0.3	23	1	US-10-254-676-24	Sequence 24, Appl	C 813	14.8	0.3	20	1	US-10-293-863-15	Sequence 15, Appl
C 741	15	0.3	23	1	US-10-133-779-189	Sequence 189, App	C 814	14.8	0.3	20	1	US-10-293-863-51	Sequence 51, Appl
C 742	15	0.3	23	1	US-10-340-536-6	Sequence 6, Appl	C 815	14.8	0.3	20	1	US-10-300-263-39	Sequence 39, Appl
C 743	15	0.3	23	1	US-10-032-585-4064	Sequence 4064, App	C 816	14.8	0.3	20	1	US-10-300-263-40	Sequence 40, Appl
C 744	15	0.3	23	1	US-10-282-122A-78588	Sequence 78588, A	C 817	14.8	0.3	20	1	US-10-300-263-114	Sequence 114, App
C 745	15	0.3	23	1	US-10-398-757-13	Sequence 13, Appl	C 818	14.8	0.3	20	1	US-10-300-263-115	Sequence 115, Appl
C 746	15	0.3	23	1	US-10-001-052-48	Sequence 48, Appl	C 819	14.8	0.3	20	1	US-10-303-266-24	Sequence 24, Appl
C 747	15	0.3	23	1	US-10-073-678-13	Sequence 13, Appl	C 820	14.8	0.3	20	1	US-10-303-266-101	Sequence 101, Appl
C 748	15	0.3	33	1	US-09-232-785-364	Sequence 364, App	C 821	14.8	0.3	20	1	US-10-304-116-86	Sequence 86, Appl
C 749	15	0.3	33	1	US-09-232-785-365	Sequence 365, App	C 822	14.8	0.3	20	1	US-10-316-638-26	Sequence 26, Appl
C 750	15	0.3	36	1	US-10-418-182-67	Sequence 67, Appl	C 823	14.8	0.3	20	1	US-10-316-638-60	Sequence 60, Appl
C 751	15	0.3	36	1	US-09-263-959-766	Sequence 766, App	C 824	14.8	0.3	20	1	US-10-317-401-65	Sequence 65, Appl
C 752	15	0.3	37	1	US-09-263-959-1276	Sequence 1276, App	C 825	14.8	0.3	20	1	US-10-317-401-139	Sequence 139, App
C 753	14.8	0.3	18	1	US-09-961-077-1167	Sequence 1167, App	C 826	14.8	0.3	20	1	US-10-317-803-86	Sequence 86, Appl
C 754	14.8	0.3	18	1	US-09-500-700-68	Sequence 68, Appl	C 827	14.8	0.3	20	1	US-10-318-819A-20	Sequence 20, Appl
C 755	14.8	0.3	18	1	US-10-205-522-126	Sequence 126, App	C 828	14.8	0.3	20	1	US-10-671-395-59	Sequence 59, Appl
C 756	14.8	0.3	18	1	US-10-205-522-142	Sequence 142, App	C 829	14.8	0.3	20	1	US-10-671-395-80	Sequence 80, Appl
C 757	14.8	0.3	18	1	US-10-314-405-45	Sequence 45, Appl	C 830	14.8	0.3	20	1	US-10-671-395-1375	Sequence 1275, App
C 758	14.8	0.3	18	1	US-10-149-249-1	Sequence 1, Appl	C 831	14.8	0.3	20	1	US-10-671-395-1460	Sequence 1460, App
C 759	14.8	0.3	18	1	US-10-349-143-4810	Sequence 4810, App	C 832	14.8	0.3	20	1	US-10-671-395-1477	Sequence 1477, App
C 760	14.8	0.3	18	1	US-10-349-143-5786	Sequence 5786, App	C 833	14.8	0.3	20	1	US-10-666-909-65	Sequence 65, Appl
C 761	14.8	0.3	18	1	US-10-349-143-5786	Sequence 5786, App	C 834	14.8	0.3	20	1	US-10-449-741B-32	Sequence 32, Appl
C 762	14.8	0.3	18	1	US-10-349-143-10970	Sequence 10970, A	C 835	14.8	0.3	20	1	US-10-619-733-1596	Sequence 1596, App
C 763	14.8	0.3	18	1			C 836	14.8	0.3	20	1		

C 837	14.8	0.3	21	1	US-09-765-081-424	Sequence 424, App	C 910	14.6	0.3	21	1	US-09-754-106-19	Sequence 19, Appl
C 838	14.8	0.3	21	1	US-09-760-139-14	Sequence 218, App	C 911	14.6	0.3	21	1	US-09-837-3306-111	Sequence 11, App
C 839	14.8	0.3	21	1	US-09-969-373-2418	Sequence 2418, App	C 912	14.6	0.3	21	1	US-09-941-398-3	Sequence 3, Appl
C 840	14.8	0.3	21	1	US-10-184-085A-284	Sequence 284, App	C 913	14.6	0.3	21	1	US-10-128-870-16	Sequence 16, Appl
C 841	14.8	0.3	21	1	US-10-184-085A-976	Sequence 976, App	C 914	14.6	0.3	21	1	US-10-131-685-16	Sequence 16, Appl
C 842	14.8	0.3	21	1	US-10-133-779-138	Sequence 138, App	C 915	14.6	0.3	21	1	US-10-252-384-19	Sequence 19, Appl
C 843	14.8	0.3	21	1	US-10-367-438-186	Sequence 186, App	C 916	14.6	0.3	21	1	US-10-195-781A-10	Sequence 10, Appl
C 844	14.8	0.3	21	1	US-10-453-264-21	Sequence 21, Appl	C 917	14.6	0.3	21	1	US-10-005-956-468	Sequence 468, App
C 845	14.8	0.3	21	1	US-10-371-666-26	Sequence 26, Appl	C 918	14.6	0.3	21	1	US-10-005-956-743	Sequence 743, App
C 846	14.8	0.3	21	1	US-10-418-182-124	Sequence 118, App	C 919	14.6	0.3	21	1	US-10-005-956-744	Sequence 744, App
C 847	14.8	0.3	21	1	US-10-349-143-8118	Sequence 8118, App	C 920	14.6	0.3	21	1	US-10-005-956-749	Sequence 749, App
C 848	14.8	0.3	21	1	US-10-349-143-8648	Sequence 8648, App	C 921	14.6	0.3	21	1	US-10-005-956-750	Sequence 750, App
C 849	14.8	0.3	21	1	US-10-349-143-9365	Sequence 9365, App	C 922	14.6	0.3	21	1	US-10-255-434-25	Sequence 25, Appl
C 850	14.8	0.3	21	1	US-10-349-143-11206	Sequence 11206, A	C 923	14.6	0.3	21	1	US-10-020-478-A	Sequence 4, Appl
C 851	14.8	0.3	21	1	US-10-786-720-2046	Sequence 2046, App	C 924	14.6	0.3	21	1	US-10-184-085A-15	Sequence 15, Appl
C 852	14.8	0.3	21	1	US-10-786-720-3643	Sequence 3643, App	C 925	14.6	0.3	21	1	US-10-218-969-80	Sequence 80, Appl
C 853	14.8	0.3	21	1	US-10-786-720-3644	Sequence 3644, App	C 926	14.6	0.3	21	1	US-10-308-485-14	Sequence 14, Appl
C 854	14.8	0.3	21	1	US-10-786-720-3645	Sequence 3645, App	C 927	14.6	0.3	21	1	US-10-369-378-14	Sequence 44, Appl
C 855	14.8	0.3	21	1	US-10-786-720-4351	Sequence 4351, App	C 928	14.6	0.3	21	1	US-10-775-071-26	Sequence 26, Appl
C 856	14.8	0.3	21	1	US-10-786-720-4352	Sequence 4352, App	C 929	14.6	0.3	21	1	US-10-775-071-36	Sequence 36, Appl
C 857	14.8	0.3	21	1	US-10-786-720-4353	Sequence 4353, App	C 930	14.6	0.3	21	1	US-10-430-442-54	Sequence 54, Appl
C 858	14.8	0.3	21	1	US-10-786-720-5083	Sequence 5083, App	C 931	14.6	0.3	21	1	US-10-091-281-295	Sequence 295, App
C 859	14.8	0.3	21	1	US-10-786-720-5084	Sequence 5084, App	C 932	14.6	0.3	21	1	US-10-091-281-296	Sequence 296, App
C 860	14.8	0.3	21	1	US-10-786-720-5085	Sequence 5085, App	C 933	14.6	0.3	21	1	US-10-114-104-50	Sequence 50, Appl
C 861	14.8	0.3	21	1	US-10-786-720-12931	Sequence 12931, A	C 934	14.6	0.3	21	1	US-10-260-516-26	Sequence 26, Appl
C 862	14.8	0.3	21	1	US-10-786-720-13546	Sequence 13546, A	C 935	14.6	0.3	21	1	US-10-390-461-14	Sequence 14, Appl
C 863	14.8	0.3	21	1	US-10-786-720-13548	Sequence 13548, A	C 936	14.6	0.3	21	1	US-10-316-194-104	Sequence 104, App
C 864	14.8	0.3	21	1	US-10-786-720-13720	Sequence 13720, A	C 937	14.6	0.3	21	1	US-10-418-182-105	Sequence 105, App
C 865	14.8	0.3	21	1	US-10-786-720-13721	Sequence 13721, A	C 938	14.6	0.3	21	1	US-10-418-182-323	Sequence 329, App
C 866	14.8	0.3	21	1	US-10-786-720-13722	Sequence 13722, A	C 939	14.6	0.3	21	1	US-10-388-263-303	Sequence 203, App
C 867	14.8	0.3	21	1	US-10-786-720-13768	Sequence 13768, A	C 940	14.6	0.3	21	1	US-10-377-315-42	Sequence 42, Appl
C 868	14.8	0.3	21	1	US-10-786-720-13769	Sequence 13769, A	C 941	14.6	0.3	21	1	US-10-349-143-3362	Sequence 362, App
C 869	14.8	0.3	21	1	US-10-786-720-13770	Sequence 13770, A	C 942	14.6	0.3	21	1	US-10-349-143-8477	Sequence 8477, App
C 870	14.8	0.3	21	1	US-10-786-720-13802	Sequence 13802, A	C 943	14.6	0.3	21	1	US-10-349-143-1079	Sequence 1079, A
C 871	14.8	0.3	21	1	US-10-786-720-14338	Sequence 14338, A	C 944	14.6	0.3	21	1	US-10-236-392-416	Sequence 436, App
C 872	14.8	0.3	21	1	US-10-786-720-14340	Sequence 14340, A	C 945	14.6	0.3	21	1	US-10-236-392-490	Sequence 490, App
C 873	14.8	0.3	21	1	US-10-786-720-15076	Sequence 15076, A	C 946	14.6	0.3	21	1	US-10-236-392-514	Sequence 514, App
C 874	14.8	0.3	21	1	US-10-786-720-17483	Sequence 17483, A	C 947	14.6	0.3	21	1	US-10-236-392-529	Sequence 529, App
C 875	14.8	0.3	21	1	US-10-786-720-18671	Sequence 18671, A	C 948	14.6	0.3	21	1	US-10-236-392-592	Sequence 592, App
C 876	14.8	0.3	21	1	US-10-786-720-20320	Sequence 20320, A	C 949	14.6	0.3	21	1	US-10-236-392-652	Sequence 652, App
C 877	14.8	0.3	21	1	US-10-786-720-20322	Sequence 20322, A	C 950	14.6	0.3	21	1	US-10-236-392-700	Sequence 700, App
C 878	14.8	0.3	22	1	US-09-788-038-40	Sequence 40, Appl	C 951	14.6	0.3	21	1	US-10-236-392-727	Sequence 727, App
C 879	14.8	0.3	22	1	US-09-969-373-3603	Sequence 3603, App	C 952	14.6	0.3	21	1	US-10-236-392-757	Sequence 757, App
C 880	14.8	0.3	22	1	US-09-263-959-610	Sequence 610, App	C 953	14.6	0.3	21	1	US-10-380-195A-3	Sequence 3, Appl
C 881	14.8	0.3	22	1	US-09-837-621-40	Sequence 40, Appl	C 954	14.6	0.3	21	1	US-10-380-195A-28	Sequence 28, Appl
C 882	14.8	0.3	22	1	US-09-782-604-37	Sequence 37, Appl	C 955	14.6	0.3	21	1	US-10-380-195A-47	Sequence 47, Appl
C 883	14.8	0.3	22	1	US-10-112-645-7	Sequence 54, Appl	C 956	14.6	0.3	21	1	US-10-383-864-61	Sequence 61, Appl
C 884	14.8	0.3	22	1	US-10-127-816-54	Sequence 16, Appl	C 957	14.6	0.3	21	1	US-10-470-991-33	Sequence 33, Appl
C 885	14.8	0.3	22	1	US-10-083-246A-16	Sequence 60, Appl	C 958	14.6	0.3	21	1	US-10-702-496-240	Sequence 240, App
C 886	14.8	0.3	22	1	US-10-345-092-60	Sequence 83, Appl	C 959	14.6	0.3	21	1	US-10-702-496-303	Sequence 303, App
C 887	14.8	0.3	22	1	US-10-096-578-83	Sequence 3, Appl	C 960	14.6	0.3	21	1	US-10-800-161-19	Sequence 19, Appl
C 888	14.8	0.3	22	1	US-10-115-718A-3	Sequence 40, Appl	C 961	14.6	0.3	21	1	US-10-403-142-233	Sequence 233, App
C 889	14.8	0.3	22	1	US-10-372-696-40	Sequence 4627, App	C 962	14.6	0.3	21	1	US-10-755-889-798	Sequence 798, App
C 890	14.8	0.3	22	1	US-10-032-585-4627	Sequence 535, App	C 963	14.6	0.3	21	1	US-10-786-720-1114	Sequence 1174, App
C 891	14.8	0.3	22	1	US-10-092-900A-535	Sequence 338, App	C 964	14.6	0.3	21	1	US-10-786-720-22950	Sequence 2950, App
C 892	14.8	0.3	22	1	US-10-236-417-338	Sequence 464, App	C 965	14.6	0.3	21	1	US-10-786-720-3226	Sequence 3226, App
C 893	14.8	0.3	22	1	US-10-307-817-464	Sequence 607, App	C 966	14.6	0.3	21	1	US-10-786-720-6457	Sequence 6497, App
C 894	14.8	0.3	22	1	US-10-307-817-507	Sequence 3, Appl	C 967	14.6	0.3	21	1	US-10-786-720-7440	Sequence 7440, App
C 895	14.8	0.3	22	1	US-10-697-887-3	Sequence 50, Appl	C 968	14.6	0.3	21	1	US-10-786-720-8414	Sequence 8414, App
C 896	14.6	0.3	21	1	US-09-825-886-6	Sequence 6, Appl	C 969	14.6	0.3	21	1	US-10-786-720-9650	Sequence 9690, App
C 897	14.6	0.3	21	1	US-09-825-886-6	Sequence 14, Appl	C 970	14.6	0.3	21	1	US-10-786-720-10640	Sequence 10640, A
C 898	14.6	0.3	21	1	US-09-835-232-14	Sequence 11, Appl	C 971	14.6	0.3	21	1	US-10-786-720-11225	Sequence 11225, A
C 899	14.6	0.3	21	1	US-09-774-414-17	Sequence 26, Appl	C 972	14.6	0.3	21	1	US-10-786-720-11221	Sequence 12721, A
C 900	14.6	0.3	21	1	US-09-944-411-26	Sequence 24, Appl	C 973	14.6	0.3	21	1	US-10-786-720-12875	Sequence 12875, A
C 901	14.6	0.3	21	1	US-09-759-352-24	Sequence 12, Appl	C 974	14.6	0.3	21	1	US-10-786-720-12865	Sequence 12865, A
C 902	14.6	0.3	21	1	US-09-771-009-12	Sequence 9, Appl	C 975	14.6	0.3	21	1	US-10-786-720-13021	Sequence 13021, A
C 903	14.6	0.3	21	1	US-09-898-659-9	Sequence 25, Appl	C 976	14.6	0.3	21	1	US-10-786-720-13025	Sequence 13025, A
C 904	14.6	0.3	21	1	US-09-981-803-25	Sequence 3, Appl	C 977	14.6	0.3	21	1	US-10-786-720-13925	Sequence 13925, A
C 905	14.6	0.3	21	1	US-09-896-908-3	Sequence 150, App	C 978	14.6	0.3	21	1	US-10-786-720-13995	Sequence 13995, A
C 906	14.6	0.3	21	1	US-09-923-327-150	Sequence 3, Appl	C 979	14.6	0.3	21	1	US-10-786-720-14794	Sequence 14794, A
C 907	14.6	0.3	21	1	US-09-896-692B-3	Sequence 4, Appl	C 980	14.6	0.3	21	1	US-10-786-720-14794	Sequence 14794, A
C 908	14.6	0.3	21	1	US-09-896-692B-4	Sequence 62, Appl	C 981	14.6	0.3	21	1	US-10-786-720-19387	Sequence 19387, A
C 909	14.6	0.3	21	1	US-09-963-827B-62	Sequence 62, Appl	C 982	14.6	0.3	21	1	US-10-786-720-19711	Sequence 19711, A

C 983	14.6	0.3	22	1	US-09-930-218-14	Sequence 14, Appl	1056	14.4	0.3	17	1	US-10-681-074-1095	Sequence 1095, Ap
C 984	14.6	0.3	22	1	US-09-798-033-6	Sequence 6, Appl	C1057	14.4	0.3	17	1	US-10-681-074-1096	Sequence 1096, Ap
C 985	14.6	0.3	22	1	US-09-972-331-22	Sequence 22, Appl	C1058	14.4	0.3	18	1	US-09-969-377-1920	Sequence 1920, Ap
C 986	14.6	0.3	22	1	US-09-970-597-3	Sequence 3, Appl	1059	14.4	0.3	18	1	US-09-093-977C-971	Sequence 971, App
C 987	14.6	0.3	22	1	US-09-860-732-28	Sequence 28, Appl	C1060	14.4	0.3	18	1	US-10-024-818-10	Sequence 10, Appl
C 988	14.6	0.3	22	1	US-09-263-959-1074	Sequence 1074, Ap	C1061	14.4	0.3	18	1	US-10-005-955-1159	Sequence 1159, Ap
C 989	14.6	0.3	22	1	US-09-957-667-3	Sequence 3, Appl	C1062	14.4	0.3	18	1	US-10-294-203-10	Sequence 10, Appl
C 990	14.6	0.3	22	1	US-09-908-594-50	Sequence 50, Appl	1063	14.4	0.3	18	1	US-10-297-068-58	Sequence 58, Appl
C 991	14.6	0.3	22	1	US-09-896-6928-5	Sequence 5, Appl	C1064	14.4	0.3	18	1	US-10-349-144-6225	Sequence 4491, Ap
C 992	14.6	0.3	22	1	US-10-029-079-1	Sequence 1, Appl	C1065	14.4	0.3	18	1	US-10-349-144-6225	Sequence 6225, Ap
C 993	14.6	0.3	22	1	US-10-067-451-6	Sequence 6, Appl	C1066	14.4	0.3	18	1	US-10-435-696-154	Sequence 154, App
C 994	14.6	0.3	22	1	US-10-345-092-57	Sequence 57, Appl	1067	14.4	0.3	19	1	US-09-791-933-157	Sequence 157, Appl
C 995	14.6	0.3	22	1	US-10-345-092-127	Sequence 127, App	C1068	14.4	0.3	19	1	US-10-118-783-11	Sequence 11, Appl
C 996	14.6	0.3	22	1	US-10-039-869A-1	Sequence 1, Appl	C1069	14.4	0.3	19	1	US-10-349-320-18	Sequence 18, Appl
C 997	14.6	0.3	22	1	US-10-431-438-14	Sequence 14, Appl	1070	14.4	0.3	19	1	US-10-339-674-3476	Sequence 3476, Ap
C 998	14.6	0.3	22	1	US-10-084-839-3145	Sequence 3145, Ap	1071	14.4	0.3	19	1	US-10-339-674-3477	Sequence 3477, Ap
C 999	14.6	0.3	22	1	US-10-357-488-7	Sequence 7, Appl	1072	14.4	0.3	19	1	US-10-444-922-404	Sequence 404, App
C 1000	14.6	0.3	22	1	US-10-351-157-65	Sequence 65, Appl	C1073	14.4	0.3	19	1	US-10-382-634-19	Sequence 19, Appl
C 1001	14.6	0.3	22	1	US-10-352-554-65	Sequence 65, Appl	C1074	14.4	0.3	19	1	US-10-382-248-55	Sequence 55, Appl
C 1002	14.6	0.3	22	1	US-10-164-717-9	Sequence 9, Appl	1075	14.4	0.3	19	1	US-10-665-951-1708	Sequence 1708, Ap
C 1003	14.6	0.3	22	1	US-10-262-445-75	Sequence 75, Appl	C1076	14.4	0.3	19	1	US-10-665-951-1955	Sequence 1955, Ap
C 1004	14.6	0.3	22	1	US-10-274-300-69	Sequence 69, Appl	C1077	14.4	0.3	19	1	US-10-683-990-159	Sequence 59, Appl
C 1005	14.6	0.3	22	1	US-10-408-601-74	Sequence 74, Appl	1078	14.4	0.3	19	1	US-10-683-990-156	Sequence 156, App
C 1006	14.4	0.3	16	1	US-10-211-059-311	Sequence 311, App	1079	14.4	0.3	20	1	US-09-820-198-3	Sequence 3, Appl
C 1007	14.4	0.3	16	1	US-10-645-471A-26	Sequence 26, Appl	1080	14.4	0.3	20	1	US-09-825-574-8	Sequence 8, Appl
C 1008	14.4	0.3	17	1	US-09-866-108-1344	Sequence 1344, Ap	C1081	14.4	0.3	20	1	US-09-791-944-51	Sequence 51, Appl
C 1009	14.4	0.3	17	1	US-09-866-108-1348	Sequence 1348, Ap	1082	14.4	0.3	20	1	US-09-993-333-6	Sequence 6, Appl
C 1010	14.4	0.3	17	1	US-09-866-108-6703	Sequence 6703, Ap	1083	14.4	0.3	20	1	US-09-906-159-72	Sequence 72, Appl
C 1011	14.4	0.3	17	1	US-09-866-108-6704	Sequence 6704, Ap	C1084	14.4	0.3	20	1	US-09-953-047-57	Sequence 57, Appl
C 1012	14.4	0.3	17	1	US-09-866-108-7085	Sequence 7085, Ap	C1085	14.4	0.3	20	1	US-09-882-945A-8	Sequence 8, Appl
C 1013	14.4	0.3	17	1	US-09-866-108-7086	Sequence 7086, Ap	C1087	14.4	0.3	20	1	US-09-974-026-41	Sequence 41, Appl
C 1014	14.4	0.3	17	1	US-09-866-108-8197	Sequence 8197, Ap	C1088	14.4	0.3	20	1	US-10-116-949-73	Sequence 73, Appl
C 1015	14.4	0.3	17	1	US-09-866-108-8199	Sequence 8199, Ap	C1089	14.4	0.3	20	1	US-10-006-366-21	Sequence 21, Appl
C 1016	14.4	0.3	17	1	US-09-866-108-8201	Sequence 8201, Ap	C1090	14.4	0.3	20	1	US-10-032-585-5855	Sequence 5855, Ap
C 1017	14.4	0.3	17	1	US-09-866-108-8202	Sequence 8202, Ap	C1091	14.4	0.3	20	1	US-10-388-263-521	Sequence 521, App
C 1018	14.4	0.3	17	1	US-09-818-875-1095	Sequence 1095, Ap	C1092	14.4	0.3	20	1	US-10-178-256-27	Sequence 27, Appl
C 1019	14.4	0.3	17	1	US-09-818-875-1096	Sequence 1096, Ap	1093	14.4	0.3	20	1	US-10-178-256-54	Sequence 54, Appl
C 1020	14.4	0.3	17	1	US-09-877-478-685	Sequence 685, App	C1094	14.4	0.3	20	1	US-10-349-144-9824	Sequence 9824, Ap
C 1021	14.4	0.3	17	1	US-09-877-478-1413	Sequence 1413, Ap	C1095	14.4	0.3	20	1	US-10-190-366-10	Sequence 30, Appl
C 1022	14.4	0.3	17	1	US-09-740-332-2903	Sequence 2903, Ap	1096	14.4	0.3	20	1	US-10-190-366-227	Sequence 227, App
C 1023	14.4	0.3	17	1	US-09-792-818-365	Sequence 365, App	1097	14.4	0.3	20	1	US-10-289-766-4351	Sequence 4351, App
C 1024	14.4	0.3	17	1	US-09-792-818-366	Sequence 366, App	1098	14.4	0.3	20	1	US-10-199-221-35	Sequence 35, Appl
C 1025	14.4	0.3	17	1	US-09-792-818-481	Sequence 481, App	C1099	14.4	0.3	20	1	US-10-199-221-92	Sequence 92, Appl
C 1026	14.4	0.3	17	1	US-09-792-818-483	Sequence 483, App	C1100	14.4	0.3	20	1	US-10-200-299-56	Sequence 56, Appl
C 1027	14.4	0.3	17	1	US-09-792-818-503	Sequence 503, App	1101	14.4	0.3	20	1	US-10-200-299-104	Sequence 104, App
C 1028	14.4	0.3	17	1	US-09-817-879-2903	Sequence 2903, Ap	C1102	14.4	0.3	20	1	US-10-379-008-15	Sequence 15, Appl
C 1029	14.4	0.3	17	1	US-10-060-756A-1008	Sequence 1008, Ap	C1103	14.4	0.3	20	1	US-10-210-479-67	Sequence 67, Appl
C 1030	14.4	0.3	17	1	US-10-060-756A-1009	Sequence 1009, Ap	C1104	14.4	0.3	20	1	US-10-379-747-35	Sequence 35, Appl
C 1031	14.4	0.3	17	1	US-10-238-700-2800	Sequence 2800, Ap	C1105	14.4	0.3	20	1	US-10-379-747-38	Sequence 38, Appl
C 1032	14.4	0.3	17	1	US-10-061-201-1078	Sequence 1078, Ap	C1106	14.4	0.3	20	1	US-10-379-747-41	Sequence 41, Appl
C 1033	14.4	0.3	17	1	US-10-061-201-1080	Sequence 1080, Ap	1107	14.4	0.3	20	1	US-10-211-179-29	Sequence 29, Appl
C 1034	14.4	0.3	17	1	US-10-209-787-1095	Sequence 1095, Ap	C1108	14.4	0.3	20	1	US-10-630-401-57	Sequence 57, Appl
C 1035	14.4	0.3	17	1	US-10-209-787-1096	Sequence 1096, Ap	C1109	14.4	0.3	20	1	US-10-432-101-3	Sequence 3, Appl
C 1036	14.4	0.3	17	1	US-10-297-068-554	Sequence 554, App	1110	14.4	0.3	20	1	US-10-303-325-74	Sequence 74, Appl
C 1037	14.4	0.3	17	1	US-10-321-962-29	Sequence 29, Appl	C1111	14.4	0.3	20	1	US-10-303-325-142	Sequence 142, App
C 1038	14.4	0.3	17	1	US-10-261-185-1095	Sequence 1095, Ap	C1112	14.4	0.3	20	1	US-10-304-128-22	Sequence 22, Appl
C 1039	14.4	0.3	17	1	US-10-342-902-685	Sequence 685, App	1113	14.4	0.3	20	1	US-10-304-128-94	Sequence 94, Appl
C 1040	14.4	0.3	17	1	US-10-342-902-685	Sequence 685, App	C1114	14.4	0.3	20	1	US-10-316-241-20	Sequence 20, Appl
C 1041	14.4	0.3	17	1	US-10-342-902-1413	Sequence 1413, Ap	1115	14.4	0.3	20	1	US-10-316-241-54	Sequence 54, Appl
C 1042	14.4	0.3	17	1	US-10-669-841-685	Sequence 685, App	1116	14.4	0.3	20	1	US-10-317-249-40	Sequence 40, Appl
C 1043	14.4	0.3	17	1	US-10-669-841-1413	Sequence 1413, Ap	C1117	14.4	0.3	20	1	US-10-415-463-51	Sequence 51, Appl
C 1044	14.4	0.3	17	1	US-10-669-841-5496	Sequence 5496, Ap	1118	14.4	0.3	20	1	US-10-619-395-1580	Sequence 1580, Ap
C 1045	14.4	0.3	17	1	US-10-723-361-1344	Sequence 1344, Ap	1119	14.4	0.3	20	1	US-10-619-395-1948	Sequence 1948, Ap
C 1046	14.4	0.3	17	1	US-10-723-361-1348	Sequence 1348, Ap	C1120	14.4	0.3	20	1	US-09-802-320A-13	Sequence 13, Appl
C 1047	14.4	0.3	17	1	US-10-723-361-6703	Sequence 6703, Ap	1121	14.4	0.3	20	1	US-09-842-758-108	Sequence 108, App
C 1048	14.4	0.3	17	1	US-10-723-361-6704	Sequence 6704, Ap	1122	14.4	0.3	20	1	US-10-005-956-354	Sequence 354, App
C 1049	14.4	0.3	17	1	US-10-723-361-7085	Sequence 7085, Ap	C1123	14.4	0.3	20	1		
C 1050	14.4	0.3	17	1	US-10-723-361-7086	Sequence 7086, Ap	C1124	14.4	0.3	20	1		
C 1051	14.4	0.3	17	1	US-10-723-361-8197	Sequence 8197, Ap	C1125	14.4	0.3	21	1		
C 1052	14.4	0.3	17	1	US-10-723-361-8199	Sequence 8199, Ap	C1126	14.4	0.3	21	1		
C 1053	14.4	0.3	17	1	US-10-723-361-8201	Sequence 8201, Ap	C1127	14.4	0.3	21	1		
C 1054	14.4	0.3	17	1	US-10-723-361-8202	Sequence 8202, Ap	1128	14.4	0.3	21	1		
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1129	14.4	0.3	21	1	US-10-005-956-355	Sequence 355, App	C1202	14.2	0.3	19	1	US-10-206-705-254	Sequence 254, App
1130	14.4	0.3	21	1	US-10-005-956-356	Sequence 356, App	1203	14.2	0.3	19	1	US-10-377-628-12	Sequence 2, App1
1131	14.4	0.3	21	1	US-10-005-956-357	Sequence 357, App	C1204	14.2	0.3	19	1	US-10-333-429-199	Sequence 199, App
C1132	14.4	0.3	21	1	US-10-002-623-305	Sequence 305, App	1205	14.2	0.3	19	1	US-10-651-822-61	Sequence 61, App1
C1133	14.4	0.3	21	1	US-10-002-623-435	Sequence 435, App	1206	14.2	0.3	19	1	US-10-628-109-97	Sequence 97, App1
C1134	14.4	0.3	21	1	US-10-002-623-449	Sequence 449, App	C1207	14.2	0.3	19	1	US-10-636-065-190	Sequence 190, App
C1135	14.4	0.3	21	1	US-10-002-623-484	Sequence 484, App	C1208	14.2	0.3	19	1	US-10-636-065-215	Sequence 215, App
C1136	14.4	0.3	21	1	US-10-002-623-662	Sequence 662, App	C1209	14.2	0.3	19	1	US-10-341-199-15	Sequence 15, App1
1137	14.4	0.3	21	1	US-10-184-085A-192	Sequence 192, App	C1210	14.2	0.3	19	1	US-10-665-951-110	Sequence 1150, App
C1138	14.4	0.3	21	1	US-10-408-692-24	Sequence 24, App1	1211	14.2	0.3	19	1	US-10-665-951-1147	Sequence 1470, App
C1139	14.4	0.3	21	1	US-10-174-333-108	Sequence 108, App	C1212	14.2	0.3	19	1	US-10-814-876-15	Sequence 15, App1
C1140	14.4	0.3	21	1	US-10-174-333-184	Sequence 184, App	1213	14.2	0.3	19	1	US-10-099-791B-22	Sequence 22, App1
1141	14.4	0.3	21	1	US-10-702-496-92	Sequence 92, App1	1214	14.2	0.3	19	1	US-10-715-117-15	Sequence 15, App1
1142	14.4	0.3	21	1	US-10-702-496-103	Sequence 103, App	1215	14.2	0.3	19	1	US-10-715-117-16	Sequence 16, App1
1143	14.4	0.3	21	1	US-10-702-496-211	Sequence 211, App	1216	14.2	0.3	19	1	US-10-715-117-33	Sequence 33, App1
1144	14.4	0.3	21	1	US-10-702-496-256	Sequence 256, App	1217	14.2	0.3	19	1	US-10-731-739-502	Sequence 502, App
1145	14.4	0.3	21	1	US-10-702-496-257	Sequence 257, App	1218	14.2	0.3	20	1	US-09-758-081-132	Sequence 132, App
1146	14.4	0.3	21	1	US-10-786-720-336	Sequence 336, App	1219	14.2	0.3	20	1	US-09-790-417-113	Sequence 113, App
1147	14.4	0.3	21	1	US-10-786-720-454	Sequence 454, App	1220	14.2	0.3	20	1	US-09-465-589-8	Sequence 8, App1
C1148	14.4	0.3	21	1	US-10-786-720-5276	Sequence 5276, App	C1221	14.2	0.3	20	1	US-09-908-825-3	Sequence 3, App1
C1149	14.4	0.3	21	1	US-10-786-720-15038	Sequence 15038, A	1222	14.2	0.3	20	1	US-09-733-294-43	Sequence 21, App1
C1150	14.4	0.3	21	1	US-10-786-720-15389	Sequence 15389, A	1223	14.2	0.3	20	1	US-09-810-560-13	Sequence 13, App1
C1151	14.4	0.3	21	1	US-10-786-720-16076	Sequence 16076, A	1224	14.2	0.3	20	1	US-09-752-639-57	Sequence 57, App1
C1152	14.4	0.3	21	1	US-10-786-720-16427	Sequence 16427, A	1225	14.2	0.3	20	1	US-09-984-198-57	Sequence 57, App1
1153	14.4	0.3	22	1	US-08-424-550B-708	Sequence 708, App	1226	14.2	0.3	20	1	US-09-984-198-57	Sequence 7, App1
C1154	14.4	0.3	22	1	US-09-831-836-20	Sequence 20, App1	1227	14.2	0.3	20	1	US-09-927-160-7	Sequence 7, App1
1155	14.4	0.3	22	1	US-09-931-836-24	Sequence 24, App1	C1228	14.2	0.3	20	1	US-09-870-956-33	Sequence 33, App1
1156	14.4	0.3	22	1	US-10-035-342-24	Sequence 24, App1	1229	14.2	0.3	20	1	US-09-809-320-124	Sequence 124, App
1157	14.4	0.3	22	1	US-10-035-342-24	Sequence 24, App1	1230	14.2	0.3	20	1	US-09-909-088B-124	Sequence 124, App
1158	14.4	0.3	22	1	US-10-035-855-24	Sequence 24, App1	1231	14.2	0.3	20	1	US-09-911-176B-9	Sequence 9, App1
1159	14.4	0.3	22	1	US-10-036-214-24	Sequence 24, App1	1232	14.2	0.3	20	1	US-09-905-291A-124	Sequence 124, App
1160	14.4	0.3	22	1	US-10-035-719-24	Sequence 24, App1	1233	14.2	0.3	20	1	US-09-953-499-16	Sequence 16, App1
1161	14.4	0.3	22	1	US-10-036-160-24	Sequence 24, App1	1234	14.2	0.3	20	1	US-09-902-853-124	Sequence 124, App
1162	14.4	0.3	22	1	US-10-035-958-24	Sequence 24, App1	1235	14.2	0.3	20	1	US-09-807-824-124	Sequence 124, App
1163	14.4	0.3	22	1	US-10-035-150-24	Sequence 24, App1	1236	14.2	0.3	20	1	US-09-907-841-124	Sequence 124, App
1164	14.4	0.3	22	1	US-10-036-063-24	Sequence 24, App1	1237	14.2	0.3	20	1	US-09-904-011-124	Sequence 124, App
1165	14.4	0.3	22	1	US-10-296-995-88	Sequence 88, App1	C1238	14.2	0.3	20	1	US-09-898-361-128	Sequence 128, App
1166	14.4	0.3	22	1	US-10-035-977-24	Sequence 24, App1	C1239	14.2	0.3	20	1	US-09-870-002-20	Sequence 20, App1
C1167	14.4	0.3	22	1	US-10-376-537-20	Sequence 20, App1	1240	14.2	0.3	20	1	US-09-803-640-124	Sequence 124, App
C1168	14.4	0.3	22	1	US-10-313-963A-35	Sequence 35, App1	1241	14.2	0.3	20	1	US-09-808-093-124	Sequence 124, App
C1169	14.4	0.3	22	1	US-10-702-148-20	Sequence 20, App1	1242	14.2	0.3	20	1	US-09-824-322B-51	Sequence 51, App1
C1170	14.4	0.3	32	1	US-09-910-469-132	Sequence 132, App	1243	14.2	0.3	20	1	US-09-824-322B-195	Sequence 195, App1
C1171	14.4	0.3	32	1	US-09-910-469-152	Sequence 152, App	C1244	14.2	0.3	20	1	US-09-824-322B-287	Sequence 287, App
C1172	14.4	0.3	32	1	US-09-910-469-162	Sequence 162, App	C1245	14.2	0.3	20	1	US-09-824-322B-374	Sequence 374, App
C1173	14.2	0.3	19	1	US-09-834-722-4	Sequence 4, App1	1246	14.2	0.3	20	1	US-09-806-742-124	Sequence 124, App
1174	14.2	0.3	19	1	US-09-901-484A-435	Sequence 435, App	1247	14.2	0.3	20	1	US-09-888-326-618	Sequence 618, App
1175	14.2	0.3	19	1	US-09-969-373-2206	Sequence 2206, App	1248	14.2	0.3	20	1	US-09-906-838-124	Sequence 124, App
1176	14.2	0.3	19	1	US-09-853-526-435	Sequence 435, App	1249	14.2	0.3	20	1	US-09-907-613-124	Sequence 124, App
1177	14.2	0.3	19	1	US-09-943-416A-10	Sequence 10, App1	1250	14.2	0.3	20	1	US-09-907-942-124	Sequence 124, App
C1178	14.2	0.3	19	1	US-09-825-155-5	Sequence 5, App1	1251	14.2	0.3	20	1	US-09-804-859-124	Sequence 124, App
C1179	14.2	0.3	19	1	US-10-033-242A-5	Sequence 5, App1	1252	14.2	0.3	20	1	US-09-809-204-124	Sequence 124, App
C1180	14.2	0.3	19	1	US-10-219-616-15	Sequence 15, App1	1253	14.2	0.3	20	1	US-09-904-820-124	Sequence 124, App
C1181	14.2	0.3	19	1	US-10-100-608B-22	Sequence 22, App1	1254	14.2	0.3	20	1	US-09-904-786-124	Sequence 124, App
C1182	14.2	0.3	19	1	US-10-005-956-98	Sequence 98, App1	1255	14.2	0.3	20	1	US-09-906-646-124	Sequence 124, App
C1183	14.2	0.3	19	1	US-10-224-005-19	Sequence 19, App1	1256	14.2	0.3	20	1	US-09-906-700-124	Sequence 124, App
C1184	14.2	0.3	19	1	US-10-224-005-180	Sequence 180, App	1257	14.2	0.3	20	1	US-09-858-150A-124	Sequence 14, App1
1185	14.2	0.3	19	1	US-10-080-381B-32	Sequence 32, App1	1258	14.2	0.3	20	1	US-09-803-786-124	Sequence 124, App
C1186	14.2	0.3	19	1	US-10-127-890-92	Sequence 92, App1	1259	14.2	0.3	20	1	US-09-902-903-124	Sequence 124, App
1187	14.2	0.3	19	1	US-10-251-117-119	Sequence 119, App	C1260	14.2	0.3	20	1	US-09-828-344-36	Sequence 36, App1
C1188	14.2	0.3	19	1	US-10-251-117-368	Sequence 368, App	1261	14.2	0.3	20	1	US-09-865-866-30	Sequence 30, App1
C1189	14.2	0.3	19	1	US-10-225-023-466	Sequence 466, App	1262	14.2	0.3	20	1	US-09-903-749A-124	Sequence 124, App
1190	14.2	0.3	19	1	US-10-225-023-1204	Sequence 1204, App	1263	14.2	0.3	20	1	US-09-904-119-124	Sequence 124, App
1191	14.2	0.3	19	1	US-10-428-826-53	Sequence 53, App1	1264	14.2	0.3	20	1	US-09-904-956-124	Sequence 124, App
1192	14.2	0.3	19	1	US-10-204-884-8	Sequence 8, App1	1265	14.2	0.3	20	1	US-09-902-736-124	Sequence 124, App
1193	14.2	0.3	19	1	US-10-204-884-70	Sequence 70, App1	1266	14.2	0.3	20	1	US-09-907-794-124	Sequence 124, App
C1194	14.2	0.3	19	1	US-10-400-382-299	Sequence 299, App	1267	14.2	0.3	20	1	US-09-907-943-124	Sequence 124, App
C1195	14.2	0.3	19	1	US-10-424-233-63	Sequence 63, App1	1268	14.2	0.3	20	1	US-09-904-463-124	Sequence 124, App
C1196	14.2	0.3	19	1	US-10-340-189-66	Sequence 66, App1	1269	14.2	0.3	20	1	US-09-907-925-124	Sequence 124, App
C1197	14.2	0.3	19	1	US-10-349-143-7014	Sequence 7014, App	1270	14.2	0.3	20	1	US-09-902-699-124	Sequence 124, App
C1198	14.2	0.3	19	1	US-10-349-143-8508	Sequence 8508, App	1271	14.2	0.3	20	1	US-09-903-520-124	Sequence 124, App
1199	14.2	0.3	19	1	US-10-444-925-155	Sequence 155, App	1272	14.2	0.3	20	1	US-09-905-056-124	Sequence 124, App
1200	14.2	0.3	19	1	US-10-444-925-156	Sequence 156, App	1273	14.2	0.3	20	1	US-09-909-064-124	Sequence 124, App
1201	14.2	0.3	19	1	US-10-206-705-69	Sequence 69, App1	1274	14.2	0.3	20	1	US-09-904-553-124	Sequence 124, App

1275	14.2	0.3	20	1	US-09-905-381-124	Sequence 124, App	c1348	14.2	0.3	20	1	US-10-017-995-1055	Sequence 1055, Ap
1276	14.2	0.3	20	1	US-09-904-485-124	Sequence 124, App	c1349	14.2	0.3	20	1	US-10-159-901-15	Sequence 15, Appl
1277	14.2	0.3	20	1	US-09-905-348-124	Sequence 124, App	c1350	14.2	0.3	20	1	US-10-152-297-12	Sequence 12, Appl
c1278	14.2	0.3	20	1	US-09-888-361-128	Sequence 128, App	1351	14.2	0.3	20	1	US-10-241-258-9	Sequence 9, Appl1
1279	14.2	0.3	20	1	US-09-905-088-124	Sequence 124, App	c1352	14.2	0.3	20	1	US-10-090-011-14	Sequence 14, Appl
1280	14.2	0.3	20	1	US-09-907-575-124	Sequence 124, App	c1353	14.2	0.3	20	1	US-10-181-846-69	Sequence 69, Appl
1281	14.2	0.3	20	1	US-09-905-075-124	Sequence 124, App	c1354	14.2	0.3	20	1	US-10-227-616-95	Sequence 95, Appl
1282	14.2	0.3	20	1	US-09-902-759-124	Sequence 124, App	c1355	14.2	0.3	20	1	US-10-057-834A-71	Sequence 71, Appl
1283	14.2	0.3	20	1	US-09-782-974C-139	Sequence 139, App	1356	14.2	0.3	20	1	US-10-226-739-96	Sequence 96, Appl
1284	14.2	0.3	20	1	US-09-782-974C-168	Sequence 168, App	c1357	14.2	0.3	20	1	US-10-149-355-6	Sequence 6, Appl1
1285	14.2	0.3	20	1	US-09-902-634-124	Sequence 124, App	1358	14.2	0.3	20	1	US-10-196-183-4	Sequence 4, Appl1
1286	14.2	0.3	20	1	US-09-902-713-124	Sequence 124, App	1359	14.2	0.3	20	1	US-10-006-430-29	Sequence 29, Appl
1287	14.2	0.3	20	1	US-09-907-979-124	Sequence 124, App	1360	14.2	0.3	20	1	US-10-230-455-6	Sequence 6, Appl1
c1288	14.2	0.3	20	1	US-09-912-724-23	Sequence 23, Appl	1361	14.2	0.3	20	1	US-10-027-983-88	Sequence 88, Appl
c1289	14.2	0.3	20	1	US-09-915-485-25	Sequence 25, Appl	1362	14.2	0.3	20	1	US-10-360-186-9	Sequence 9, Appl1
c1290	14.2	0.3	20	1	US-09-915-485-26	Sequence 26, Appl	1363	14.2	0.3	20	1	US-10-348-488-37	Sequence 37, Appl
c1291	14.2	0.3	20	1	US-09-915-485-39	Sequence 39, Appl	1364	14.2	0.3	20	1	US-10-083-246A-149	Sequence 149, App
c1292	14.2	0.3	20	1	US-09-915-485-89	Sequence 89, Appl	c1365	14.2	0.3	20	1	US-10-277-243-11	Sequence 11, Appl
1293	14.2	0.3	20	1	US-09-917-963-29	Sequence 29, Appl	c1366	14.2	0.3	20	1	US-10-376-566-35	Sequence 35, Appl
1294	14.2	0.3	20	1	US-09-776-479-48	Sequence 48, Appl	1367	14.2	0.3	20	1	US-10-376-566-87	Sequence 87, Appl
1295	14.2	0.3	20	1	US-09-776-479-48	Sequence 48, Appl	c1368	14.2	0.3	20	1	US-10-167-547C-42	Sequence 42, Appl
c1296	14.2	0.3	20	1	US-09-776-479-1055	Sequence 1055, Ap	1369	14.2	0.3	20	1	US-10-066-198-96	Sequence 96, Appl
c1297	14.2	0.3	20	1	US-09-776-479-1055	Sequence 1055, Ap	1370	14.2	0.3	20	1	US-10-265-543-16	Sequence 16, Appl
c1298	14.2	0.3	20	1	US-09-920-033-24	Sequence 24, Appl	c1371	14.2	0.3	20	1	US-10-053-645A-38	Sequence 38, Appl
c1299	14.2	0.3	20	1	US-09-953-611-28	Sequence 28, Appl	1372	14.2	0.3	20	1	US-10-305-810-44	Sequence 44, Appl
1300	14.2	0.3	20	1	US-09-902-615-124	Sequence 124, App	1373	14.2	0.3	20	1	US-10-392-531-9	Sequence 9, Appl1
c1301	14.2	0.3	20	1	US-09-945-042-16	Sequence 16, Appl	1374	14.2	0.3	20	1	US-10-392-706-9	Sequence 9, Appl1
c1302	14.2	0.3	20	1	US-09-967-669-76	Sequence 76, Appl	c1375	14.2	0.3	20	1	US-10-262-666-14	Sequence 14, Appl
1303	14.2	0.3	20	1	US-09-903-925-124	Sequence 124, App	1376	14.2	0.3	20	1	US-10-299-976-124	Sequence 124, App
1304	14.2	0.3	20	1	US-09-906-760A-124	Sequence 124, App	1377	14.2	0.3	20	1	US-10-066-203-96	Sequence 96, Appl
c1305	14.2	0.3	20	1	US-09-915-814-144	Sequence 144, App	1378	14.2	0.3	20	1	US-10-032-588-4265	Sequence 4265, Ap
1307	14.2	0.3	20	1	US-09-870-406A-15	Sequence 15, Appl	1379	14.2	0.3	20	1	US-10-032-588-5326	Sequence 5326, Ap
1308	14.2	0.3	20	1	US-09-903-823-124	Sequence 124, App	c1380	14.2	0.3	20	1	US-10-032-588-5522	Sequence 5522, Ap
1309	14.2	0.3	20	1	US-09-907-652-124	Sequence 124, App	1381	14.2	0.3	20	1	US-10-032-588-5570	Sequence 5570, Ap
1310	14.2	0.3	20	1	US-09-930-433-7	Sequence 7, Appl1	1382	14.2	0.3	20	1	US-10-299-937-124	Sequence 124, App
1311	14.2	0.3	20	1	US-09-993-731-23	Sequence 23, Appl	1383	14.2	0.3	20	1	US-10-352-613-21	Sequence 21, Appl
1312	14.2	0.3	20	1	US-09-902-572A-124	Sequence 124, App	c1384	14.2	0.3	20	1	US-10-148-835-119	Sequence 119, App
1313	14.2	0.3	20	1	US-09-902-979-124	Sequence 124, App	1385	14.2	0.3	20	1	US-10-298-993-114	Sequence 124, Appl
1314	14.2	0.3	20	1	US-09-905-125-124	Sequence 124, App	1386	14.2	0.3	20	1	US-10-144-140-81	Sequence 81, Appl
1315	14.2	0.3	20	1	US-09-906-815A-124	Sequence 124, App	1387	14.2	0.3	20	1	US-10-448-755-88	Sequence 88, Appl
c1316	14.2	0.3	20	1	US-09-791-392A-8	Sequence 8, Appl1	1388	14.2	0.3	20	1	US-10-314-578-48	Sequence 48, Appl
1317	14.2	0.3	20	1	US-09-903-806-124	Sequence 124, App	1390	14.2	0.3	20	1	US-10-419-549-2	Sequence 2, Appl1
1318	14.2	0.3	20	1	US-09-904-992-124	Sequence 124, App	c1391	14.2	0.3	20	1	US-10-147-196-24	Sequence 24, Appl
1319	14.2	0.3	20	1	US-09-904-838-124	Sequence 124, App	c1392	14.2	0.3	20	1	US-10-174-364-81	Sequence 81, Appl
1320	14.2	0.3	20	1	US-09-906-777-124	Sequence 124, App	c1393	14.2	0.3	20	1	US-10-154-708-88	Sequence 88, Appl
1321	14.2	0.3	20	1	US-09-903-603A-124	Sequence 124, App	1394	14.2	0.3	20	1	US-10-154-708-132	Sequence 132, App
1322	14.2	0.3	20	1	US-09-904-532-124	Sequence 124, App	c1395	14.2	0.3	20	1	US-10-159-266-48	Sequence 48, Appl
1323	14.2	0.3	20	1	US-09-904-766-124	Sequence 124, App	1396	14.2	0.3	20	1	US-10-159-266-122	Sequence 122, App
1324	14.2	0.3	20	1	US-09-904-920A-124	Sequence 124, App	c1397	14.2	0.3	20	1	US-10-160-807-64	Sequence 64, Appl
c1325	14.2	0.3	20	1	US-09-851-871-33	Sequence 33, Appl	1398	14.2	0.3	20	1	US-10-160-807-212	Sequence 212, Appl
1326	14.2	0.3	20	1	US-09-904-877A-124	Sequence 124, App	c1399	14.2	0.3	20	1	US-10-161-996-134	Sequence 134, App
1327	14.2	0.3	20	1	US-09-903-562-124	Sequence 124, App	1400	14.2	0.3	20	1	US-10-448-923-124	Sequence 124, App
1328	14.2	0.3	20	1	US-09-906-618-124	Sequence 124, App	1401	14.2	0.3	20	1	US-10-004-378A-157	Sequence 157, App
1329	14.2	0.3	20	1	US-09-907-728-124	Sequence 124, App	c1402	14.2	0.3	20	1	US-10-388-265-556	Sequence 556, App
1330	14.2	0.3	20	1	US-09-904-805-124	Sequence 124, App	1403	14.2	0.3	20	1	US-10-174-771-13	Sequence 13, Appl
1331	14.2	0.3	20	1	US-09-904-938A-124	Sequence 124, App	c1404	14.2	0.3	20	1	US-10-174-771-56	Sequence 56, Appl
1332	14.2	0.3	20	1	US-09-906-722A-124	Sequence 124, App	1405	14.2	0.3	20	1	US-10-174-771-125	Sequence 125, Appl
1333	14.2	0.3	20	1	US-09-908-576-124	Sequence 124, App	c1406	14.2	0.3	20	1	US-10-173-817-22	Sequence 22, Appl
1334	14.2	0.3	20	1	US-09-960-143-18	Sequence 18, Appl	1407	14.2	0.3	20	1	US-10-173-817-93	Sequence 93, Appl
c1335	14.2	0.3	20	1	US-09-960-143-50	Sequence 50, Appl	1408	14.2	0.3	20	1	US-10-177-798-29	Sequence 29, Appl
1336	14.2	0.3	20	1	US-10-006-611-21	Sequence 21, Appl	1409	14.2	0.3	20	1	US-10-271-602B-50	Sequence 29, Appl
1337	14.2	0.3	20	1	US-10-066-500-96	Sequence 96, Appl	1410	14.2	0.3	20	1	US-10-271-602B-39	Sequence 29, Appl
c1338	14.2	0.3	20	1	US-10-004-551-95	Sequence 95, Appl	1411	14.2	0.3	20	1	US-10-271-602B-50	Sequence 50, Appl
1339	14.2	0.3	20	1	US-10-180-762-9	Sequence 9, Appl1	1412	14.2	0.3	20	1	US-10-186-157-16	Sequence 16, Appl
1340	14.2	0.3	20	1	US-10-002-796-96	Sequence 96, Appl	c1413	14.2	0.3	20	1	US-10-369-435-56	Sequence 56, Appl
1341	14.2	0.3	20	1	US-10-066-273-96	Sequence 96, Appl	1414	14.2	0.3	20	1	US-10-174-014-30	Sequence 30, Appl
1342	14.2	0.3	20	1	US-10-066-494-96	Sequence 96, Appl	c1415	14.2	0.3	20	1	US-10-174-014-61	Sequence 61, Appl
1343	14.2	0.3	20	1	US-10-066-369-96	Sequence 96, Appl	1416	14.2	0.3	20	1	US-10-188-646-83	Sequence 83, Appl
1344	14.2	0.3	20	1	US-10-066-211-96	Sequence 96, Appl	c1417	14.2	0.3	20	1	US-10-188-646-147	Sequence 147, App
1345	14.2	0.3	20	1	US-10-066-193-96	Sequence 96, Appl	1418	14.2	0.3	20	1	US-10-349-143-5639	Sequence 5639, Ap
c1346	14.2	0.3	20	1	US-10-112-653-999	Sequence 999, App	c1419	14.2	0.3	20	1	US-10-349-143-7908	Sequence 7908, Ap
1347	14.2	0.3	20	1	US-10-017-995-48	Sequence 48, Appl	c1420	14.2	0.3	20	1	US-10-349-143-8384	Sequence 8384, Ap

1421	14.2	0.3	20	1	US-10-349-143-10419	Sequence 10419, A	c1494	14.2	0.3	20	1	US-10-316-244-96	Sequence 96, App1
c1422	14.2	0.3	20	1	US-10-437-733-31	Sequence 31, App1	1495	14.2	0.3	20	1	US-10-316-244-194	Sequence 194, App
1423	14.2	0.3	20	1	US-10-449-656-124	Sequence 124, App	c1496	14.2	0.3	20	1	US-10-316-516-72	Sequence 72, App1
1424	14.2	0.3	20	1	US-10-189-267-56	Sequence 56, App1	1497	14.2	0.3	20	1	US-10-316-516-126	Sequence 126, App1
c1425	14.2	0.3	20	1	US-10-189-267-199	Sequence 199, App	c1498	14.2	0.3	20	1	US-10-316-516-126	Sequence 27, App1
1426	14.2	0.3	20	1	US-10-448-713-124	Sequence 124, App	c1499	14.2	0.3	20	1	US-10-316-667-27	Sequence 55, App1
c1427	14.2	0.3	20	1	US-10-289-762-1329	Sequence 1329, App	1500	14.2	0.3	20	1	US-10-316-667-55	Sequence 125, App
1428	14.2	0.3	20	1	US-10-289-762-1354	Sequence 1354, App	c1501	14.2	0.3	20	1	US-10-317-803-125	Sequence 69, App1
c1429	14.2	0.3	20	1	US-10-289-762-3148	Sequence 3148, App	1502	14.2	0.3	20	1	US-10-319-893-69	Sequence 144, App1
1430	14.2	0.3	20	1	US-10-289-762-4014	Sequence 4014, App	c1503	14.2	0.3	20	1	US-10-319-893-144	Sequence 55, App1
1431	14.2	0.3	20	1	US-10-289-762-4648	Sequence 4648, App	1504	14.2	0.3	20	1	US-10-319-914-55	Sequence 133, App
c1432	14.2	0.3	20	1	US-10-289-762-6018	Sequence 6018, App	c1505	14.2	0.3	20	1	US-10-319-914-133	Sequence 23, App1
c1433	14.2	0.3	20	1	US-10-289-762-6232	Sequence 6232, App	1506	14.2	0.3	20	1	US-10-319-915-23	Sequence 160, App
c1434	14.2	0.3	20	1	US-10-289-762-6317	Sequence 6317, App	1507	14.2	0.3	20	1	US-10-319-915-160	Sequence 36, App1
1435	14.2	0.3	20	1	US-10-289-762-6458	Sequence 6458, App	c1508	14.2	0.3	20	1	US-10-316-515-36	Sequence 23, App1
c1436	14.2	0.3	20	1	US-10-199-199-23	Sequence 23, App1	1509	14.2	0.3	20	1	US-10-667-008-23	Sequence 36, App1
1437	14.2	0.3	20	1	US-10-199-675-25	Sequence 25, App1	1510	14.2	0.3	20	1	US-10-633-008-16	Sequence 16, App1
c1438	14.2	0.3	20	1	US-10-199-675-93	Sequence 93, App1	1511	14.2	0.3	20	1	US-10-318-389-56	Sequence 56, App1
1439	14.2	0.3	20	1	US-10-198-695-9	Sequence 9, App1	1512	14.2	0.3	20	1	US-10-763-992-19	Sequence 19, App1
1440	14.2	0.3	20	1	US-10-435-696-217	Sequence 217, App	c1513	14.2	0.3	20	1	US-10-663-2088-20	Sequence 20, App1
1441	14.2	0.3	20	1	US-10-435-696-287	Sequence 287, App	c1514	14.2	0.3	20	1	US-10-671-395-128	Sequence 128, App
1442	14.2	0.3	20	1	US-10-440-464-177	Sequence 177, App	c1515	14.2	0.3	20	1	US-10-671-395-214	Sequence 214, App
c1443	14.2	0.3	20	1	US-10-161-493-189	Sequence 189, App	c1516	14.2	0.3	20	1	US-10-671-395-351	Sequence 351, App
1444	14.2	0.3	20	1	US-10-161-493-194	Sequence 194, App	c1517	14.2	0.3	20	1	US-10-671-395-401	Sequence 401, App
c1445	14.2	0.3	20	1	US-10-379-182-4	Sequence 4, App1	1518	14.2	0.3	20	1	US-10-671-395-534	Sequence 534, App
1446	14.2	0.3	20	1	US-10-425-447-124	Sequence 124, App	1519	14.2	0.3	20	1	US-10-671-395-786	Sequence 786, App
1447	14.2	0.3	20	1	US-10-211-179-39	Sequence 39, App1	1520	14.2	0.3	20	1	US-10-671-395-1149	Sequence 1149, App
c1448	14.2	0.3	20	1	US-10-444-206-33	Sequence 33, App1	1521	14.2	0.3	20	1	US-10-671-395-1297	Sequence 1297, App
c1449	14.2	0.3	20	1	US-10-312-184A-40	Sequence 40, App1	1522	14.2	0.3	20	1	US-10-728-399-278	Sequence 278, App
1450	14.2	0.3	20	1	US-10-467-019-35	Sequence 35, App1	1523	14.2	0.3	20	1	US-10-728-399-370	Sequence 370, App
c1451	14.2	0.3	20	1	US-10-382-478A-8	Sequence 8, App1	c1524	14.2	0.3	20	1	US-10-745-377-21	Sequence 21, App1
c1452	14.2	0.3	20	1	US-10-380-124-64	Sequence 64, App1	c1525	14.2	0.3	20	1	US-10-646-301A-20	Sequence 20, App1
c1453	14.2	0.3	20	1	US-10-312-045-8	Sequence 8, App1	1526	14.2	0.3	20	1	US-10-215-371-124	Sequence 124, App
c1454	14.2	0.3	20	1	US-10-246-583-81	Sequence 81, App1	1527	14.2	0.3	20	1	US-10-783-415-14	Sequence 14, App1
c1455	14.2	0.3	20	1	US-10-655-847-64	Sequence 64, App1	1528	14.2	0.3	20	1	US-10-785-220-16	Sequence 16, App1
1456	14.2	0.3	20	1	US-10-655-847-212	Sequence 212, App	1529	14.2	0.3	20	1	US-10-785-221-16	Sequence 16, App1
c1457	14.2	0.3	20	1	US-10-432-412-29	Sequence 29, App1	1530	14.2	0.3	20	1	US-10-785-433-16	Sequence 16, App1
c1458	14.2	0.3	20	1	US-10-643-130-20	Sequence 20, App1	1531	14.2	0.3	20	1	US-10-652-795-51	Sequence 51, App1
1459	14.2	0.3	20	1	US-10-418-251-1	Sequence 1, App1	1532	14.2	0.3	20	1	US-10-652-795-195	Sequence 195, App
c1460	14.2	0.3	20	1	US-10-363-828-61	Sequence 61, App1	c1533	14.2	0.3	20	1	US-10-652-795-287	Sequence 287, App
c1461	14.2	0.3	20	1	US-10-619-284A-74	Sequence 52, App1	c1534	14.2	0.3	20	1	US-10-652-795-374	Sequence 374, App
c1462	14.2	0.3	20	1	US-10-619-284A-74	Sequence 74, App1	1535	14.2	0.3	20	1	US-10-647-918-51	Sequence 51, App1
1463	14.2	0.3	20	1	US-10-280-183A-455	Sequence 455, App	1536	14.2	0.3	20	1	US-10-647-918-195	Sequence 195, App
1464	14.2	0.3	20	1	US-10-280-183A-457	Sequence 457, App	c1537	14.2	0.3	20	1	US-10-647-918-287	Sequence 287, App
c1465	14.2	0.3	20	1	US-10-643-432-22	Sequence 22, App1	c1538	14.2	0.3	20	1	US-10-647-918-374	Sequence 374, App
c1466	14.2	0.3	20	1	US-10-643-432-93	Sequence 93, App1	c1539	14.2	0.3	20	1	US-10-736-185-86	Sequence 86, App1
c1467	14.2	0.3	20	1	US-10-298-123-45	Sequence 45, App1	c1540	14.2	0.3	20	1	US-10-736-185-86	Sequence 20, App1
1468	14.2	0.3	20	1	US-10-298-123-74	Sequence 74, App1	1541	14.2	0.3	20	1	US-10-641-455A-185	Sequence 185, App
c1469	14.2	0.3	20	1	US-10-298-123-45	Sequence 45, App1	1542	14.2	0.3	20	1	US-10-755-889-810	Sequence 810, App
1470	14.2	0.3	20	1	US-10-298-954-40	Sequence 40, App1	1543	14.2	0.3	20	1	US-10-619-739-175	Sequence 175, App
1471	14.2	0.3	20	1	US-10-300-399-17	Sequence 17, App1	c1544	14.2	0.3	20	1	US-10-744-635-23	Sequence 23, App1
c1472	14.2	0.3	20	1	US-10-300-399-34	Sequence 34, App1	1545	14.2	0.3	20	1	US-10-389-033-2	Sequence 2, App1
c1473	14.2	0.3	20	1	US-10-300-399-95	Sequence 95, App1	1546	14.2	0.3	20	1	US-10-771-187-124	Sequence 124, App
c1474	14.2	0.3	20	1	US-10-300-611-14	Sequence 14, App1	1547	14.2	0.3	20	1	US-10-476-021-102	Sequence 102, App
1475	14.2	0.3	20	1	US-10-300-611-86	Sequence 86, App1	c1548	14.2	0.3	20	1	US-10-741-789A-62	Sequence 62, App1
1476	14.2	0.3	20	1	US-10-300-820-70	Sequence 70, App1	c1549	14.2	0.3	20	1	US-10-369-378A-44	Sequence 44, App1
c1477	14.2	0.3	20	1	US-10-300-820-145	Sequence 145, App1	c1550	14.2	0.3	20	1	US-09-895-072-41	Sequence 41, App1
1478	14.2	0.3	20	1	US-10-303-329-45	Sequence 45, App1	1551	14.2	0.3	20	1	US-09-303-510-27	Sequence 27, App1
1479	14.2	0.3	20	1	US-10-362-504-67	Sequence 67, App1	1552	14.2	0.3	20	1	US-09-765-081-353	Sequence 353, App
c1480	14.2	0.3	20	1	US-10-302-028-26	Sequence 26, App1	1553	14.2	0.3	20	1	US-09-303-040-27	Sequence 27, App1
1481	14.2	0.3	20	1	US-10-302-028-61	Sequence 61, App1	c1554	14.2	0.3	20	1	US-09-888-615-125	Sequence 125, App
c1482	14.2	0.3	20	1	US-10-304-125-24	Sequence 24, App1	c1555	14.2	0.3	20	1	US-09-789-529-80	Sequence 80, App1
1483	14.2	0.3	20	1	US-10-304-125-95	Sequence 95, App1	c1556	14.2	0.3	20	1	US-09-977-438B-8	Sequence 8, App1
1484	14.2	0.3	20	1	US-10-688-706-922	Sequence 922, App1	c1557	14.2	0.3	20	1	US-09-986-552-41	Sequence 41, App1
1485	14.2	0.3	20	1	US-10-688-706-1679	Sequence 1679, App	1558	14.2	0.3	20	1	US-09-908-193-54	Sequence 54, App1
c1487	14.2	0.3	20	1	US-10-304-019-90	Sequence 90, App1	1559	14.2	0.3	20	1	US-09-888-326-227	Sequence 227, App
c1488	14.2	0.3	20	1	US-10-315-765-16	Sequence 16, App1	c1560	14.2	0.3	20	1	US-09-888-326-255	Sequence 255, App
1489	14.2	0.3	20	1	US-10-315-765-85	Sequence 85, App1	c1561	14.2	0.3	20	1	US-09-932-300-44	Sequence 42, App1
c1490	14.2	0.3	20	1	US-10-316-243-29	Sequence 29, App1	c1562	14.2	0.3	20	1	US-09-232-785-390	Sequence 390, App
c1491	14.2	0.3	20	1	US-10-316-243-50	Sequence 50, App1	1563	14.2	0.3	20	1	US-09-946-374-454	Sequence 454, App
c1492	14.2	0.3	20	1	US-10-316-243-107	Sequence 107, App	1564	14.2	0.3	20	1	US-09-776-479-129	Sequence 129, App
1493	14.2	0.3	20	1	US-10-316-243-128	Sequence 128, App	1565	14.2	0.3	20	1	US-09-776-479-129	Sequence 129, App
							c1566	14.2	0.3	20	1	US-09-776-479-130	Sequence 130, App

c1567	14.2	0.3	21	1	US-09-776-479-130	Sequence 130, App	1640	14.2	0.3	21	1	US-10-015-480A-454	Sequence 454, App
1568	14.2	0.3	21	1	US-09-952-213D-11	Sequence 11, App1	1641	14.2	0.3	21	1	US-10-015-712A-454	Sequence 454, App
1569	14.2	0.3	21	1	US-09-902-563-28	Sequence 28, App	1642	14.2	0.3	21	1	US-10-012-237A-454	Sequence 454, App
c1570	14.2	0.3	21	1	US-09-382-860-158	Sequence 158, App	1643	14.2	0.3	21	1	US-10-013-900A-454	Sequence 454, App
1571	14.2	0.3	21	1	US-09-382-860-179	Sequence 179, App	1644	14.2	0.3	21	1	US-10-013-388A-454	Sequence 454, App
1572	14.2	0.3	21	1	US-10-032-924-41	Sequence 41, App1	1645	14.2	0.3	21	1	US-10-012-755A-454	Sequence 454, App
c1573	14.2	0.3	21	1	US-10-022-819-18	Sequence 18, App1	1646	14.2	0.3	21	1	US-10-015-382A-454	Sequence 454, App
1574	14.2	0.3	21	1	US-10-006-856A-454	Sequence 454, App	1647	14.2	0.3	21	1	US-10-007-236A-454	Sequence 454, App
1575	14.2	0.3	21	1	US-10-112-653-122	Sequence 122, App	1648	14.2	0.3	21	1	US-10-015-389A-454	Sequence 454, App
c1576	14.2	0.3	21	1	US-10-112-653-123	Sequence 123, App	1649	14.2	0.3	21	1	US-10-015-512A-454	Sequence 454, App
1577	14.2	0.3	21	1	US-10-006-818A-454	Sequence 454, App	1650	14.2	0.3	21	1	US-10-013-912A-454	Sequence 454, App
1578	14.2	0.3	21	1	US-10-017-995-129	Sequence 129, App	1651	14.2	0.3	21	1	US-10-015-539A-454	Sequence 454, App
c1579	14.2	0.3	21	1	US-10-017-995-130	Sequence 130, App	1652	14.2	0.3	21	1	US-10-014-578-130	Sequence 130, App
c1580	14.2	0.3	21	1	US-10-023-066A-42	Sequence 42, App1	1653	14.2	0.3	21	1	US-10-314-578-130	Sequence 454, App
1581	14.2	0.3	21	1	US-10-006-485A-454	Sequence 454, App	1654	14.2	0.3	21	1	US-10-015-390A-454	Sequence 454, App
1582	14.2	0.3	21	1	US-10-013-907A-454	Sequence 454, App	c1655	14.2	0.3	21	1	US-10-377-68A-3	Sequence 3, App1
1583	14.2	0.3	21	1	US-10-015-93A-454	Sequence 454, App	1656	14.2	0.3	21	1	US-10-006-746A-454	Sequence 454, App
1584	14.2	0.3	21	1	US-10-015-93A-454	Sequence 454, App	1657	14.2	0.3	21	1	US-10-226-254A-454	Sequence 454, App
1585	14.2	0.3	21	1	US-10-015-869A-454	Sequence 454, App	c1658	14.2	0.3	21	1	US-10-418-187-112	Sequence 112, App
1586	14.2	0.3	21	1	US-10-012-121A-454	Sequence 454, App	1659	14.2	0.3	21	1	US-10-405-877-112	Sequence 112, App
1587	14.2	0.3	21	1	US-10-006-116A-454	Sequence 454, App	1660	14.2	0.3	21	1	US-10-349-143-3398	Sequence 3398, App
1588	14.2	0.3	21	1	US-10-006-117A-454	Sequence 454, App	c1661	14.2	0.3	21	1	US-10-349-143-6564	Sequence 6564, App
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1593	14.2	0.3	21	1	US-10-007-194A-454	Sequence 454, App	1666	14.2	0.3	21	1	US-10-420-194-464	Sequence 464, App
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1598	14.2	0.3	21	1	US-10-015-386A-454	Sequence 454, App	1671	14.2	0.3	21	1	US-10-012-231A-454	Sequence 454, App
1599	14.2	0.3	21	1	US-10-096-255-28	Sequence 28, App1	c1672	14.2	0.3	21	1	US-10-072-012-1188	Sequence 1188, App
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1601	14.2	0.3	21	1	US-10-011-692A-454	Sequence 454, App	c1674	14.2	0.3	21	1	US-10-461-194-61	Sequence 61, App1
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1604	14.2	0.3	21	1	US-10-006-063A-454	Sequence 454, App	1677	14.2	0.3	21	1	US-10-684-190-19	Sequence 19, App1
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1608	14.2	0.3	21	1	US-10-011-833A-454	Sequence 454, App	c1681	14.2	0.3	21	1	US-10-627-253A-162	Sequence 162, App
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1612	14.2	0.3	21	1	US-10-006-130A-454	Sequence 454, App	1685	14.2	0.3	21	1	US-10-786-720-2951	Sequence 2951, App
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c1614	14.2	0.3	21	1	US-10-184-085A-18	Sequence 18, App1	1687	14.2	0.3	21	1	US-10-786-720-3327	Sequence 3327, App
c1615	14.2	0.3	21	1	US-10-184-085A-89	Sequence 89, App1	c1688	14.2	0.3	21	1	US-10-786-720-3328	Sequence 3328, App
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c1617	14.2	0.3	21	1	US-10-184-085A-126	Sequence 126, App	c1690	14.2	0.3	21	1	US-10-786-720-5541	Sequence 5541, App
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c1626	14.2	0.3	21	1	US-10-032-585-5292	Sequence 5292, App	1699	14.2	0.3	21	1	US-10-786-720-10178	Sequence 10178, App
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1639	14.2	0.3	21	1	US-10-091-281-204	Sequence 204, App	c1712	14.2	0.3	21	1	US-10-786-720-14412	Sequence 14412, App

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C1716	14.2	0.3	21	1	US-10-786-720-16520	Sequence 16520, A
C1717	14.2	0.3	21	1	US-10-786-720-17014	Sequence 17014, A
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C1720	14.2	0.3	21	1	US-10-786-720-18709	Sequence 18709, A
C1721	14.2	0.3	21	1	US-10-786-720-19160	Sequence 19160, A
C1722	14.2	0.3	21	1	US-10-786-720-19495	Sequence 19495, A
C1723	14.2	0.3	21	1	US-10-786-720-19712	Sequence 19712, A
C1724	14.2	0.3	21	1	US-10-786-720-19713	Sequence 19713, A
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C1729	14	0.3	14	1	US-09-263-959-810	Sequence 810, App
C1730	14	0.3	14	1	US-09-263-959-816	Sequence 816, App
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C1732	14	0.3	15	1	US-09-504-231A-847	Sequence 847, App
C1733	14	0.3	15	1	US-09-274-553D-847	Sequence 847, App
C1734	14	0.3	17	1	US-09-866-108-6402	Sequence 6406, Ap
C1735	14	0.3	17	1	US-09-866-108-6406	Sequence 6406, Ap
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C1738	14	0.3	17	1	US-10-156-306-4971	Sequence 4971, Ap
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C1741	14	0.3	17	1	US-10-398-877-86	Sequence 86, Appl
C1742	14	0.3	17	1	US-10-138-674-894	Sequence 894, App
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C1745	14	0.3	17	1	US-10-723-361-6402	Sequence 6402, App
C1746	14	0.3	17	1	US-10-723-361-6406	Sequence 6406, App
C1747	14	0.3	18	1	US-09-067-638B-22	Sequence 22, Appl
C1748	14	0.3	18	1	US-09-985-335-23	Sequence 23, Appl
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C1751	14	0.3	18	1	US-10-349-143-5578	Sequence 5578, Ap
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C1754	14	0.3	18	1	US-10-830-475-22	Sequence 22, Appl
C1755	14	0.3	19	1	US-10-086-181-10	Sequence 10, Appl
C1756	14	0.3	20	1	US-10-435-696-217	Sequence 217, App
C1757	14	0.3	20	1	US-09-774-809-36	Sequence 36, Appl
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C1760	14	0.3	20	1	US-09-908-147-92	Sequence 92, Appl
C1761	14	0.3	20	1	US-10-006-972A-14	Sequence 14, Appl
C1762	14	0.3	20	1	US-10-029-517-61	Sequence 61, Appl
C1763	14	0.3	20	1	US-10-181-856-85	Sequence 85, Appl
C1764	14	0.3	20	1	US-10-349-143-11201	Sequence 11201, A
C1765	14	0.3	20	1	US-10-289-762-6546	Sequence 6546, Ap
C1766	14	0.3	20	1	US-10-289-762-6743	Sequence 6743, Ap
C1767	14	0.3	20	1	US-10-352-179-31	Sequence 31, Appl
C1768	14	0.3	20	1	US-10-345-448-36	Sequence 36, Appl
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C1779	14	0.3	21	1	US-09-961-700A-10	Sequence 10, Appl
C1780	14	0.3	21	1	US-10-258-423-16	Sequence 16, Appl
C1781	14	0.3	21	1	US-10-301-477A-9	Sequence 9, Appl1
C1782	14	0.3	21	1	US-10-349-143-10682	Sequence 10682, A
C1783	14	0.3	21	1	US-10-648-593-435	Sequence 435, App
C1784	14	0.3	21	1	US-10-735-577-14	Sequence 14, Appl
C1785	14	0.3	21	1	US-10-735-577-15	Sequence 15, Appl

Sequence 4550, Ap
Sequence 36, Appl
Sequence 8508, Ap
Sequence 8, Appl1
Sequence 8, Appl1

ALIGNMENTS

RESULT 1
US-10-131-827-2784
; Sequence 2784, Application US/10131827
; Publication No. US20040009479A1

GENERAL INFORMATION:
APPLICANT: Wohlgenuth, Jay

APPLICANT: Fry, Kirk
APPLICANT: Woodward, Robert

APPLICANT: Lv, Ngoc
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUN

FILE REFERENCE: 50661200120
CURRENT FILING DATE: 2002-09-06

PRIOR FILING DATE: 2001-10-22
PRIOR FILING DATE: 2001-10-22

PRIOR APPLICATION NUMBER: US 60/296,764
PRIOR FILING DATE: 2001-06-08

NUMBER OF SEQ ID NOS: 9090
SOFTWARE: PatentIn version 3.1

SEQ ID NO 2784
LENGTH: 50
TYPE: DNA

ORGANISM: Homo sapiens
US-10-131-827-2784

Query Match
Best Local Similarity 97.8%; Pred. No. 0.019; 1; Indels 0; Gaps 0;

Matches 44; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 5225 TCCCATGATGAGAGTCTGCTTAACATTAATGTCCTTCTTA 5269
1 TCCCATGATGAGAGTCTGCTTAACATTAATGTCCTTCTCA 45

RESULT 2
US-10-003-919-6

; Sequence 6, Application US/10003919
; Publication No. US20030114401A1

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett

APPLICANT: Susan M. Freiler
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION

FILE REFERENCE: RTS-0256
CURRENT FILING DATE: 2001-12-06

NUMBER OF SEQ ID NOS: 87
SEQ ID NO 6

LENGTH: 28
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR Probe

US-10-003-919-6

Query Match
Best Local Similarity 100.0%; Pred. No. 5.2;

Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 318 AGTTCTCCGAGCTCAGTTTCCTTTCC 345
1 AGTTCTCCGAGCTCAGTTTCCTTTCC 28


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; SEQ ID NO 365
; LENGTH: 36
; TYPE: DNA
; ORGANISM: Pinus taeda L.
US-09-232-785-365

Query Match
Best Local Similarity 0.5%; Score 25.6; DB 1; Length 36;
Matches 28; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

CY 4408 ATATAGATATATATATATATATATATAT 4439
Db 35 ATATATATATATATATATATATATATATAT 4

RESULT 16
US-09-263-959-766
; Sequence 766, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 766:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 37 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-766

Query Match
Best Local Similarity 0.5%; Score 25.6; DB 1; Length 37;
Matches 28; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

CY 4408 ATATAGATATATATATATATATATATAT 4439
Db 2 ATATATATATATATATATATATATATATAT 33

RESULT 17
US-09-735-363A-6
; Sequence 6, Application US/09735363A
; Patent No. US20010041681A1
; GENERAL INFORMATION:
; APPLICANT: Fillion, Mario
; APPLICANT: Phillip, Nigel
; TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides
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; FILE REFERENCE: 02811-0181
; CURRENT APPLICATION NUMBER: US/09/735,363A
; CURRENT FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: 60/170,325
; PRIOR FILING DATE: 1999-12-13
; PRIOR APPLICATION NUMBER: 60/228,925
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 6
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-735-363A-6

Query Match
Best Local Similarity 0.5%; Score 24.4; DB 1; Length 27;
Matches 25; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 270 CTCTCTCTCTCTCTCTCTCTCTCTCTCT 295
Db 2 CTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 27

RESULT 18
US-09-263-959-474/c
; Sequence 474, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 474:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-474

Query Match
Best Local Similarity 0.5%; Score 24.4; DB 1; Length 28;
Matches 25; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 4414 ATATATATATATATATATATATATATAT 4439
```

```

Db      28 ATATATATATATATATATATATATAT 3

RESULT 19
US-10-418-182-67/c
; Sequence 67, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; PRIOR FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 67
; LENGTH: 36
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-67

Query Match      0.5%; Score 24; DB 1; Length 36;
Best Local Similarity 84.4%; Pred. No. 46;
Matches 27; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4408 ATATAGATATATATATATATATATAT 4439
Db      36 ATATATATATATATATATATATATATAT 5

RESULT 20
US-10-418-182-146/c
; Sequence 146, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; PRIOR FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 146
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-146

Query Match      0.5%; Score 23.8; DB 1; Length 27;
Best Local Similarity 92.6%; Pred. No. 30;
Matches 25; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4413 GATATATATATATATATATATATATAT 4439
Db      27 GATATATATATATATATATATATATATAT 1

RESULT 21
US-10-240-376A-50
; Sequence 50, Application US/10240376A
; Publication No. US20040161747A1
; GENERAL INFORMATION:
; APPLICANT: Morahan, Grant
; TITLE OF INVENTION: A METHOD FOR SCREENING FOR AUTOIMMUNE
; DISEASE BY IDENTIFYING POLYMORPHISMS IN IL-12 p40

```

```

; FILE REFERENCE: DAV1186.001APC
; CURRENT APPLICATION NUMBER: US/10/240,376A
; PRIOR FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/AU01/00340
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: PQ 6466
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/204,366
; PRIOR FILING DATE: 2000-05-15
; NUMBER OF SEQ ID NOS: 140
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 50
; LENGTH: 29
; TYPE: DNA
; ORGANISM: mammalian
US-10-240-376A-50

Query Match      0.5%; Score 23.8; DB 1; Length 29;
Best Local Similarity 92.6%; Pred. No. 34;
Matches 25; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4414 ATATATATATATATATATATATATATG 4440
Db      3 AAAATATATATATATATATATATATATG 29

RESULT 22
US-09-910-469-132
; Sequence 132, Application US/09910469
; Publication No. US20030175702A1
; GENERAL INFORMATION:
; APPLICANT: Schweltzer, Markus
; APPLICANT: Anderson, Richard R.
; APPLICANT: Mueller, Jochem
; APPLICANT: Riechener, Michael
; APPLICANT: Bruecher, Christoph
; APPLICANT: Kienle, Stefan
; APPLICANT: Orwick, Jill
; APPLICANT: Pignot, Marc
; APPLICANT: Radatz, Stefan
; APPLICANT: Schneider, Eberhard
; APPLICANT: Windhab, No. US20030175702A1bert
; TITLE OF INVENTION: Sorting and Immobilization System for Nucleic Acids Using Synthes
; FILE REFERENCE: 264/217 Nanogen Recognition
; CURRENT APPLICATION NUMBER: US/09/910,469
; CURRENT FILING DATE: 2001-07-19
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 132
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Test nucleic acid sequence
; NAME/KEY: modified_base
; LOCATION: (1)..(1)
; OTHER INFORMATION: Cys dye
US-09-910-469-132

Query Match      0.5%; Score 23.8; DB 1; Length 32;
Best Local Similarity 92.6%; Pred. No. 40;
Matches 25; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4412 AGTATATATATATATATATATATATATTA 4438
Db      2 AAATATATATATATATATATATATATTA 28

RESULT 23
US-09-910-469-152
; Sequence 152, Application US/09910469
; Publication No. US20030175702A1

```


Query Match	0.5%	Score	23.8	DB	1	Length	32
Best Local	92.6%	Pred. No.	40				
Matches	25	Conservative	0	Mismatches	2	Indels	0
						Gaps	0

Query March	0.5%	Score 23.8	DB 1	Length 36
Best Local Similarity	80.0%	Pred. No. 50		
Matches 28; Conservative	0	Mismatches 7	Indels 0	Gaps 0


```
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMASTERS, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 622-6031
; INFORMATION FOR SEQ ID NO: 862:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-263-959-862

Query Match          0.4%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 44;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 4416 ATATATATATATATATATATAT 4439
|||
24 ATATATATATATATATATATATAT 1

RESULT 31
US-09-232-785-357/c
; Sequence 357, Application US/09232785
; Publication No. US20030049612A1
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Echt, Craig S.
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSTATELITE DNA MARKERS AND USES
; FILE REFERENCE: 4481/1E18US1
; CURRENT APPLICATION NUMBER: US/09/232,785
; PRIOR FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 357
; LENGTH: 24
; TYPE: DNA
; ORGANISM: pinus taeda L.
;
US-09-232-785-357

Query Match          0.4%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 44;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 4414 ATATATATATATATATATATAT 4437
|||
24 ATATATATATATATATATATATAT 1

RESULT 32
US-10-374-307-8/c
; Sequence 8, Application US/10374307
; Publication No. US20040170984A1
; GENERAL INFORMATION:
; APPLICANT: Leproust, Eric M.
; APPLICANT: Amorese, Douglas A.
; APPLICANT: Kronick, Mel N.
; TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
; TITLE OF INVENTION: PRINTHEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
; FILE REFERENCE: AGIL-078
; CURRENT APPLICATION NUMBER: US/10/374,307
; CURRENT FILING DATE: 2003-02-25
; NUMBER OF SEQ ID NOS: 21
```

```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapien
;
US-10-374-307-8

Query Match          0.4%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 44;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 270 CTCTCTCTCTCTCTCTCTCTCT 293
|||
24 CTCTCTCTCTCTCTCTCTCTCTCT 1

RESULT 33
US-10-374-307-11
; Sequence 11, Application US/10374307
; Publication No. US20040170984A1
; GENERAL INFORMATION:
; APPLICANT: Leproust, Eric M.
; APPLICANT: Amorese, Douglas A.
; APPLICANT: Kronick, Mel N.
; TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
; TITLE OF INVENTION: PRINTHEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
; FILE REFERENCE: AGIL-078
; CURRENT APPLICATION NUMBER: US/10/374,307
; CURRENT FILING DATE: 2003-02-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapien
;
US-10-374-307-11

Query Match          0.4%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 44;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 270 CTCTCTCTCTCTCTCTCTCTCT 293
|||
24 CTCTCTCTCTCTCTCTCTCTCTCT 1

RESULT 34
US-10-338-552-74
; Sequence 74, Application US/10338552
; Publication No. US20040131612A1
; GENERAL INFORMATION:
; APPLICANT: Watkins, Jeffrey D.
; APPLICANT: Vassero, Alain P.
; APPLICANT: Marquis, David
; APPLICANT: Huse, William D.
; TITLE OF INVENTION: TNF-alpha Binding Molecules
; FILE REFERENCE: AME-06971
; CURRENT APPLICATION NUMBER: US/10/338,552
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 74
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
;
US-10-338-552-74

Query Match          0.4%; Score 22; DB 1; Length 33;
Best Local Similarity 83.3%; Pred. No. 92;
Matches 25; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```

Oy      3201 AGGGCCCTCCGTGCAGTGGCTCCAGCATC 3230
          |||||
Db      1 AGGGCCCTCAGTTCGTTGGCTCAAGCATC 30

```

```

RESULT 35
US-10-338-627-74
Sequence 74, Application US/10338627
Publication No. US2004013161A1
GENERAL INFORMATION:
APPLICANT: Watkins, Jeffrey D.
APPLICANT: Vassercot, Alain P.
APPLICANT: Marcquis, David
APPLICANT: Huse, William D.
TITLE OF INVENTION: TNF-alpha Binding Molecules
FILE REFERENCE: AME-07497
CURRENT APPLICATION NUMBER: US/10/338,627
CURRENT FILING DATE: 2003-01-08
NUMBER OF SEQ ID NOS: 92
SOFTWARE: PatentIn version 3.2
SEQ ID NO 74
LENGTH: 33
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-338-627-74

```

Query Match	0.4%	Score 22	DB 1	Length 33
Best Local Similarity	83.3%	Pred No. 92		
Matches 25	Conservative	0	Mismatches 5	Indels 0
			Gaps	0

```

Qy      3201 AGGGCCCTCCGTGCAGTGGCTCCAGCATC 3230
          |||||
Db      1 AGGGCCCTCAGTTCGTTGGCTCAAGCATC 30

```

RESULT 36
US-09-910-183A-36/C
Sequence 36, Application US/09910183A
Publication No. US20030175701A1
GENERAL INFORMATION:
TITLE OF INVENTION: Improvements in and relating to forensic identification
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
STREET: C/O The Forensic Science Service, Priory
House, Gooch Str.
CITY: Birmingham
STATE: W. Midlands
COUNTRY: United Kingdom
ZIP: B5 6GO
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/910,183A
FILING DATE: 20-Jul-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/107,029
FILING DATE: <Unknown>
APPLICATION NUMBER: GB 9713597.4
FILING DATE: 28-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Gill P.
INFORMATION FOR SEQ. ID NO. 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 32 base pairs

```

:      TYPE: nucleic acid
:      STRANDEDNESS: single
:      TOPOLOGY: linear
:      MOLECULE TYPE: DNA (genomic)
:      HYPOTHETICAL: NO
:      ANTI-SENSE: NO
:      ORIGINAL SOURCE:
:      ORGANISM: Homo sapiens
:      ORGANELLE: Mitochondrion
:      SEQUENCE DESCRIPTION: SEQ ID NO: 36
:
US-09-910-183A-36

```

Query Match	0.4%	Score 21.4	DB 1	Length 32
Best Local Similarity	80.6%	Pred. No. 1.1e+02		
Matches 25	Conservative 0	Mismatches 6	Indels 0	Gaps 0

```

QY      277 TCTTCTCTCTCTCTCTCTGCTGTTTCT 30
          ||||| | | | | | | | | | |
DB      31 TCTTCTTCTTCTTCTTCTTCTTCTTCT 1

```

```

RESULT 37
: US-10-085-906-207
: Sequence 207, Application US/10085906
: Publication No. US20030054371A1
: GENERAL INFORMATION:
: APPLICANT: ying, Vincent
: APPLICANT: Wu, Paul
: APPLICANT: Gray, Gary S.
: TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
: TITLE OF INVENTION: CONSTITUTUTORY RECEPTOR LOCUS AND USES THEREOF
: FILE REFERENCE: GNN-5344CP2
: CURRENT APPLICATION NUMBER: US/10/085, 906
: CURRENT FILING DATE: 2002-02-27
: PRIOR APPLICATION NUMBER: US 60/126, 215
: PRIOR FILING DATE: 1999-03-25
: PRIOR APPLICATION NUMBER: US 09/534, 061
: PRIOR FILING DATE: 2000-03-24
: PRIOR APPLICATION NUMBER: PCT/US00/07938
: PRIOR FILING DATE: 2000-03-24
: NUMBER OF SEQ ID NOS: 545
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 207
: LENGTH: 24
: TYPE: DNA
: ORGANISM: Homo sapiens
: US-10-085-906-207

```

Query Match	0.4%	Score	20.8	DB	1	Length	24
Best Local Similarity	91.7%	Pred. No.	87				
Matches	22	Conservative	0	Mismatches	2	Indels	0
						Gaps	0

Oy 271 TCTCTCTTTCCTCTCTCTC 294
| | | | |
Db 1 TCTCTCTTACTCCCTCTCTC 24

```

RESULT 38
US-09-776-479-908
; Sequence 908, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bretzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/77013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093

```

```

;
; ORGANISM: Artificial Sequence
; FEATURE:

```

OTHER INFORMATION: Synthetic Sequence
US-10-314-578-908

Query Match	0.4%	Score 20.4;	DB 1;	Length 22;
Best Local Similarity	95.5%	Pred. NO. 89;		

Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 270 CTCTCTCTCTCTCTCTCTCT 291
Db 1 CTCTCTCTCTCTCTCTCTCT 22

RESULT 43
US-10-766-590-4/c
; Sequence 4, Application US/10766590
; Publication No. US20040180370A1
; GENERAL INFORMATION:
; APPLICANT: Tabakoff, Boris
; APPLICANT: Martinez, Larry
; APPLICANT: Hoffman, Paula
; TITLE OF INVENTION: Genetic Diagnosis of Alcoholic Subtypes
; FILE REFERENCE: UPG-08617
; CURRENT APPLICATION NUMBER: US/10/766,590
; CURRENT FILING DATE: 2004-01-27
; PRIOR APPLICATION NUMBER: 60/443,072
; PRIOR FILING DATE: 2003-01-27
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-766-590-4

Query Match 0.4%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 89;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTCTCTC 292
Db 22 TCTCTCTCTCTCTCTCTCTCTC 1

RESULT 44
US-10-120-187A-6/c
; Sequence 6, Application US/10120187A
; Publication No. US2003005985A1
; GENERAL INFORMATION:
; APPLICANT: MEANS, ANTHONY R.
; TITLE OF INVENTION: CA2+/CALMODULIN-DEPENDENT PROTEIN KINASE IV
; FILE REFERENCE: 1579-669
; CURRENT APPLICATION NUMBER: US/10/120,187A
; CURRENT FILING DATE: 2002-04-11
; PRIOR APPLICATION NUMBER: 60/322,438
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/282,698
; PRIOR FILING DATE: 2001-04-11
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-120-187A-6

Query Match 0.4%; Score 20.4; DB 1; Length 24;
Best Local Similarity 95.5%; Pred. No. 1e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTCTCTCTCTCTCT 291
Db 23 CTGCTCTCTCTCTCTCTCTCTCT 2

RESULT 45
US-10-275-071-19

; Sequence 19, Application US/10275071
; Publication No. US20030186268A1
; GENERAL INFORMATION:
; APPLICANT: Crouzet, Joel
; APPLICANT: Scherman, Daniel
; APPLICANT: Wils, Pierre
; APPLICANT: Cameron, Beatrice
; APPLICANT: Blanche, Francis
; TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION WITH AN
; TITLE OF INVENTION: IMMOBILIZED OLIGONUCLEOTIDE
; FILE REFERENCE: 08888, 0138-02
; CURRENT APPLICATION NUMBER: US/10/275,071
; CURRENT FILING DATE: 2003-04-07
; PRIOR APPLICATION NUMBER: 09/580,923
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 08/860,038
; PRIOR FILING DATE: 1997-06-09
; PRIOR APPLICATION NUMBER: PCT/FR95/01468
; PRIOR FILING DATE: 1995-11-08
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-10-275-071-19

Query Match 0.4%; Score 20.4; DB 1; Length 26;
Best Local Similarity 95.5%; Pred. No. 1.2e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTCTCTCTCTCTCT 291
Db 5 CTCTCTCTCTCTCTCTCTCTCT 26

RESULT 46
US-10-003-919-10/c
; Sequence 10, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Pfeifer
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-10

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 16 CCACGTGGGTGTACGACGCG 35
Db 20 CCACGTGGGTGTACGACGCG 1

RESULT 47
US-10-003-919-11/c
; Sequence 11, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:

```
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-11
```

```
Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      63 CCCATGCGCTGCTAGGCCATG 82
Db      20 CCCATGCGCTGCTAGGCCATG 1
```

```
RESULT 48
US-10-003-919-12/c
Sequence 12, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-12
```

```
Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      126 GGTCAATTCACCCAGGGGGA 145
Db      20 GGTCAATTCACCCAGGGGGA 1
```

```
RESULT 49
US-10-003-919-13/c
Sequence 13, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 13
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-13
```

```
Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      172 TGTAACGCTGCACCAAGTTGC 191
Db      20 TGTAACGCTGCACCAAGTTGC 1
```

```
RESULT 50
US-10-003-919-14/c
Sequence 14, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-14
```

```
Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      180 GCGACCAAGTTGCCAGAGAG 199
Db      20 GCGACCAAGTTGCCAGAGAG 1
```

```
RESULT 51
US-10-003-919-15/c
Sequence 15, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-15
```

```
Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      223 GCAGCCGTGGCAGGGTGTAT 242
Db      20 GCAGCCGTGGCAGGGTGTAT 1
```

```
RESULT 52
US-10-003-919-16/c
Sequence 16, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
```

APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 16
LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-16

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 427 TTGCAGTGAGGGGCTCCG 446
Db 20 TTGCAGTGAGGGGCTCCG 1

RESULT 53
US-10-003-919-17/c
Sequence 17, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 17
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-17

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 525 TGGACCATGGCAACATCAC 544
Db 20 TGGACCATGGCAACATCAC 1

RESULT 54
US-10-003-919-18/c
Sequence 18, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-18

Query Match 0.4%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 530 CCATGGCAACATCACCCGCT 549
Db 20 CCATGGCAACATCACCCGCT 1

RESULT 55
US-10-003-919-19/c
Sequence 19, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 19
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-19

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 535 GCAACATCACCCGCTCCAG 554
Db 20 GCAACATCACCCGCTCCAG 1

RESULT 56
US-10-003-919-20/c
Sequence 20, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-20

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 579 GCGAAGACGGAGCTTCTCT 598
Db 20 GCGAAGACGGAGCTTCTCT 1

RESULT 57
US-10-003-919-21/c
Sequence 21, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier

Sequence 26, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION

```
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 26
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-26

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      775 AGGAAACATGGGGCTGCTG 794
Db      20 AGGAAACATGGGGCTGCTG 1

RESULT 63
US-10-003-919-27/c
/ Sequence 27, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 27
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-27

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      780 AACATGGGCTGTGTGACCA 799
Db      20 AACATGGGCTGTGTGACCA 1

RESULT 64
US-10-003-919-28/c
/ Sequence 28, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 28
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-28

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      848 TGAGAGACACAGAAAGTG 867
Db      20 TGAGAGACACAGAAAGTG 1

RESULT 65
US-10-003-919-29/c
/ Sequence 29, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 29
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-29

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1150 CACTGCTCTGCAAGAGCTC 1169
Db      20 CACTGCTCTGCAAGAGCTC 1

RESULT 66
US-10-003-919-30/c
/ Sequence 30, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 30
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-30

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1194 CCATCCCTGGAGTCTCTGCA 1213
Db      20 CCATCCCTGGAGTCTCTGCA 1

RESULT 67
US-10-003-919-31/c
/ Sequence 31, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
```

```
; CURRENT APPLICATION NUMBER: US/10/003.919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-31

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1200 CTGAGTCTCTGCAGAGTT 1219
Db      20 CTGAGTCTCTGCAGAGTT 1
```

```
RESULT 68
US-10-003-919-32/c
; Sequence 32, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003.919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-32

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1465 ACCTTGAGTCTGGGAACTG 1484
Db      20 ACCTTGAGTCTGGGAACTG 1
```

```
RESULT 69
US-10-003-919-33/c
; Sequence 33, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003.919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-33

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Cy      1489 TTAAGAGTCCAGATGTT 1508
Db      20 TTAAGAGTCCAGATGTT 1
```

```
RESULT 70
US-10-003-919-34/c
; Sequence 34, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003.919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-34

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Cy      1495 AGTCCAAGATGGTTCTGAG 1514
Db      20 AGTCCAAGATGGTTCTGAG 1
```

```
RESULT 71
US-10-003-919-35/c
; Sequence 35, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003.919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-35

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Cy      1500 AAGATGTTCTGAGGACAA 1519
Db      20 AAGATGTTCTGAGGACAA 1
```

```
RESULT 72
US-10-003-919-36/c
; Sequence 36, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003.919
```

```
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 36
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-36

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1505 TGGTCTGAGACAGCACTTCT 1524
DB      20 TGTTCTGAGACAGCACTTCT 1

RESULT 73
US-10-003-919-37/c
/ Sequence 37, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 37
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-37

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1510 CTGAGACAGCAAGTCTACAGC 1529
DB      20 CTGAGACAGCAAGTCTACAGC 1

RESULT 74
US-10-003-919-38/c
/ Sequence 38, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 38
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-38

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1515 GACAGCTTCTACAGCCACAA 1534
```

```
DB      20 GACAAGTCTACAGCCACAA 1

RESULT 75
US-10-003-919-39/c
/ Sequence 39, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 39
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-39

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1536 AAAATCCTGACGCTCATTTA 1555
DB      20 AAAATCCTGACGCTCATTTA 1

RESULT 76
US-10-003-919-40/c
/ Sequence 40, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 40
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-40

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1618 GGAAGAAATATGTTTGTCT 1637
DB      20 GGAAGAAATATGTTTGTCT 1

RESULT 77
US-10-003-919-41/c
/ Sequence 41, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
```

```
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-41

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1623 GAATATGTTTTTGGTCTGCTC 1642
Db      20 GAATATGTTTTTGGTCTGCTC 1

RESULT 78
US-10-003-919-42/c
; Sequence 42, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-42

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1668 CTCCTGCAGCAGATGAAGAA 1687
Db      20 CTCCTGCAGCAGATGAAGAA 1

RESULT 79
US-10-003-919-43/c
; Sequence 43, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-43

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1761 CTTCCCAAGAGATCAGCTC 1780
Db      20 CTTCCCAAGAGATCAGCTC 1780
```

```
Db      20 CTTCCCAAGAGATCAGCTC 1

RESULT 80
US-10-003-919-44/c
; Sequence 44, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-44

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1766 CAGGAAGATCAGCTCCTGGT 1785
Db      20 CAGGAAGATCAGCTCCTGGT 1

RESULT 81
US-10-003-919-45/c
; Sequence 45, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-45

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1771 AGATCAGTCTCTGTTCTC 1790
Db      20 AGATCAGTCTCTGTTCTC 1

RESULT 82
US-10-003-919-46/c
; Sequence 46, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
```

```
/ SEQ ID NO 46
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-46

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1776 ACGTCTGGTTCTCTCCAA 1795
DB      20 ACGTCTGGTTCTCTCCAA 1

RESULT 83
US-10-003-919-47/c
/ Sequence 47, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 47
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-47

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1781 CTGGTTCTCTCCAGGGGC 1800
DB      20 CTGGTTCTCTCCAGGGGC 1

RESULT 84
US-10-003-919-48/c
/ Sequence 48, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 48
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-48

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1786 TTCTCTCAGGGGCGAGGA 1805
DB      20 TTCTCTCAGGGGCGAGGA 1
```

```
RESULT 85
US-10-003-919-49/c
/ Sequence 49, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 49
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-49

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1791 TCCAGGGGCGAGGAAGAC 1810
DB      20 TCCAGGGGCGAGGAAGAC 1

RESULT 86
US-10-003-919-50/c
/ Sequence 50, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 50
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-50

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2031 GACAAGTGAAGACAGGCAT 2050
DB      20 GACAAGTGAAGACAGGCAT 1

RESULT 87
US-10-003-919-51/c
/ Sequence 51, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 51
```

```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-51

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2115 GGGTTCGTCAACAGCCACTT 2134
DB      20 GGGTTCGTCAACAGCCACTT 1

RESULT 88
US-10-003-919-52/c
; Sequence 52, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-52

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2120 CGTCACAGCCACTTGACTT 2139
DB      20 CGTCACAGCCACTTGACTT 1

RESULT 89
US-10-003-919-53/c
; Sequence 53, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-53

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2493 ACAGGATGAAGTCAACTT 2512
DB      20 ACAGGATGAAGTCAACTT 1
```

```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-54

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2526 GACCGAGTCTCTGGAAGTC 2545
DB      20 GACCGAGTCTCTGGAAGTC 1

RESULT 91
US-10-003-919-55/c
; Sequence 55, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-55

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2592 GACATCATGACGAGTACCA 2611
DB      20 GACATCATGACGAGTACCA 1

RESULT 92
US-10-003-919-56/c
; Sequence 56, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 56
; LENGTH: 20
```

```
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-56
```

```
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2598 ATGACGAGTGACCAAGCCCC 2617
          |||||||
DB      20  ATGACGAGTGACCAAGCCCC 1
```

```
RESULT 93
US-10-003-919-57/c
/ Sequence 57, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 57
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-57
```

```
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2604 AGTGACCAAGCCCTGCTT 2623
          |||||||
DB      20  AGTGACCAAGCCCTGCTT 1
```

```
RESULT 94
US-10-003-919-58/c
/ Sequence 58, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 58
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-58
```

```
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2610 CACAGCCCTGCTTTGCCAC 2629
          |||||||
DB      20  CACAGCCCTGCTTTGCCAC 1
```

```
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2610 CACAGCCCTGCTTTGCCAC 2629
          |||||||
DB      20  CACAGCCCTGCTTTGCCAC 1
```

```
RESULT 95
US-10-003-919-59/c
/ Sequence 59, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 59
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-59
```

```
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2781 GAGAGTTTGTCAAGAGTCA 2800
          |||||||
DB      20  GAGAGTTTGTCAAGAGTCA 1
```

```
RESULT 96
US-10-003-919-60/c
/ Sequence 60, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 60
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-60
```

```
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2790 GTCAAGAGTCAGGAAGAGA 2809
          |||||||
DB      20  GTCAAGAGTCAGGAAGAGA 1
```

```
RESULT 97
US-10-003-919-61/c
/ Sequence 61, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 61
/ LENGTH: 20
/ TYPE: DNA
```

```
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2790 GTCAAGAGTCAGGAAGAGA 2809
          |||||||
DB      20  GTCAAGAGTCAGGAAGAGA 1
```

```
RESULT 97
US-10-003-919-61/c
/ Sequence 61, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 61
/ LENGTH: 20
/ TYPE: DNA
```

```
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2790 GTCAAGAGTCAGGAAGAGA 2809
          |||||||
DB      20  GTCAAGAGTCAGGAAGAGA 1
```



```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-61

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3014 GCCTCTACCCACCATGGCG 3033
DB 20 GCCTCTACCCACCATGGCG 1

RESULT 98
US-10-003-919-62/c
; Sequence 62, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-62

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3089 GAGGAGAGAGCTCTATGACT 3108
DB 20 GAGGAGAGAGCTCTATGACT 1

RESULT 99
US-10-003-919-63/c
; Sequence 63, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-63

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3094 AGAGCTCTATGACTTGTG 3113
DB 20 AGAGCTCTATGACTTGTG 1

RESULT 100
```

```
US-10-003-919-64/c
; Sequence 64, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-64

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3099 CTCTATGACTTGTGGAAGAC 3118
DB 20 CTCTATGACTTGTGGAAGAC 1

RESULT 101
US-10-003-919-65/c
; Sequence 65, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-65

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3539 GCTGACGAAGCCGAGATGT 3558
DB 20 GCTGACGAAGCCGAGATGT 1

RESULT 102
US-10-003-919-66/c
; Sequence 66, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```

; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-66

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3548 GCGCGAGATGTTTGAGAAC 3567
DB 20 GCGCGAGATGTTTGAGAAC 1

RESULT 103
US-10-003-919-67/c
; Sequence 67, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-67

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4059 GGCAGAGCTGCCATGCAGTG 4078
DB 20 GGCAGAGCTGCCATGCAGTG 1

RESULT 104
US-10-003-919-68/c
; Sequence 68, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-68

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4069 CCATGAGTGAAGCCCTCAG 4088
DB 20 CCATGAGTGAAGCCCTCAG 1

RESULT 105
US-10-003-919-69/c
; Sequence 69, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-69

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4084 CTCAGTGAGCTGCCACTGAG 4103
DB 20 CTCAGTGAGCTGCCACTGAG 1

RESULT 106
US-10-003-919-70/c
; Sequence 70, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-70

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4090 GAGCTGCCACTGAGTCGGGA 4109
DB 20 GAGCTGCCACTGAGTCGGGA 1

RESULT 107
US-10-003-919-71/c
; Sequence 71, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-71

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4196 TGTTCAGGAAGGCGCTA 4215
DB 20 TGTTCAGGAAGGCGCTA 1

RESULT 108
US-10-003-919-72/c

Sequence 72, Application US/10003919
Publication No. US20030114401A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Susan M. Freier

TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION

FILE REFERENCE: RTS-0256

CURRENT APPLICATION NUMBER: US/10/003,919

CURRENT FILING DATE: 2001-12-06

NUMBER OF SEQ ID NOS: 87

SEQ ID NO 72

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-72

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4456 CACTCATGATGTGCCAAGTG 4475
DB 20 CACTCATGATGTGCCAAGTG 1

RESULT 109

US-10-003-919-73/c

Sequence 73, Application US/10003919
Publication No. US20030114401A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Susan M. Freier

TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION

FILE REFERENCE: RTS-0256

CURRENT APPLICATION NUMBER: US/10/003,919

CURRENT FILING DATE: 2001-12-06

NUMBER OF SEQ ID NOS: 87

SEQ ID NO 73

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-73

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4489 TTACGAACATTCCTCATAT 4508
DB 20 TTACGAACATTCCTCATAT 1

RESULT 110
US-10-003-919-74/c
Sequence 74, Application US/10003919

Publication No. US20030114401A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Susan M. Freier

TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION

FILE REFERENCE: RTS-0256

CURRENT APPLICATION NUMBER: US/10/003,919

CURRENT FILING DATE: 2001-12-06

NUMBER OF SEQ ID NOS: 87

SEQ ID NO 74

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-74

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4623 TGAGTGAGACAGGCTCG 4642
DB 20 TGAGTGAGACAGGCTCG 1

RESULT 111

US-10-003-919-75/c

Sequence 75, Application US/10003919
Publication No. US20030114401A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Susan M. Freier

TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION

FILE REFERENCE: RTS-0256

CURRENT APPLICATION NUMBER: US/10/003,919

CURRENT FILING DATE: 2001-12-06

NUMBER OF SEQ ID NOS: 87

SEQ ID NO 75

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-75

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4666 GGTAGCTTGTTCGGGTACA 4685
DB 20 GGTAGCTTGTTCGGGTACA 1

RESULT 112

US-10-003-919-76/c

Sequence 76, Application US/10003919
Publication No. US20030114401A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Susan M. Freier

TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION

FILE REFERENCE: RTS-0256

CURRENT APPLICATION NUMBER: US/10/003,919

CURRENT FILING DATE: 2001-12-06

NUMBER OF SEQ ID NOS: 87

SEQ ID NO 76

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

```
US-10-003-919-76
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4709 AGTGACACAGCTGCTTTAG 4728
      |||
      20 AGTGACACAGCTGCTTTAG 1

Db
RESULT 113
US-10-003-919-77/c
; Sequence 77, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-77

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4771 GATCTACCTGCTTCTCAGT 4790
      |||
      20 GATCTACCTGCTTCTCAGT 1

Db
RESULT 114
US-10-003-919-78/c
; Sequence 78, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-78

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4852 CTTGGGCTAGAGTCCCAAG 4871
      |||
      20 CTTGGGCTAGAGTCCCAAG 1

Db
RESULT 115
US-10-003-919-79/c
; Sequence 79, Application US/10003919
; Publication No. US20030114401A1
```

```
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-79

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4903 GGTGGGACCATCACCAGC 4922
      |||
      20 GGTGGGACCATCACCAGC 1

Db
RESULT 116
US-10-003-919-80/c
; Sequence 80, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-80

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4914 ATCACCAGCCACGTTAAGC 4933
      |||
      20 ATCACCAGCCACGTTAAGC 1

Db
RESULT 117
US-10-003-919-81/c
; Sequence 81, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-81
```

```
Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4968 GAAGAGTCTTTGCTGTGCT 4987
      |||
Db      20 GAAGAGTCTTTGCTGTGCT 1

RESULT 118
US-10-003-919-82/c
; Sequence 82, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-82

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4997 CGTGTCTCCAGCCTGGCTG 5016
      |||
Db      20 CGTGTCTCCAGCCTGGCTG 1

RESULT 119
US-10-003-919-83/c
; Sequence 83, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-83

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5017 CCAGGAGGCTGGCTCTT 5036
      |||
Db      20 CCAGGAGGCTGGCTCTT 1

RESULT 120
US-10-003-919-84/c
; Sequence 84, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5114 AGAATGATGGGTGATGCT 5133
      |||
Db      20 AGAATGATGGGTGATGCT 1

RESULT 121
US-10-003-919-85/c
; Sequence 85, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-85

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5180 AATCCAGTGTGTGTGA 5199
      |||
Db      20 AATCCAGTGTGTGTGA 1

RESULT 122
US-10-003-919-86/c
; Sequence 86, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-86
```

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5231 GATGAGAGTCTGCTACCA 5250
DB 20 GATGAGAGTCTGCTACCA 1

RESULT 123

US-10-003-919-87/C
Sequence 87, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freiler
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RFS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 87
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-87

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5243 CGTACCAATTAATGTGCC 5262
DB 20 CGTACCAATTAATGTGCC 1

RESULT 124

US-09-863-806-120/C
Sequence 120, Application US/09863806
Publication No. US20020197608A1
GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: DETECTION OF NEOPLASIA BY ANALYSIS OF SALIVA
NUMBER OF SEQUENCES: 195
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/863,806
FILING DATE: 22-May-2001
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 09/038,637
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/152,313
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Hallie, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/146001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099

INFORMATION FOR SEQ ID NO: 120:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 120:
US-09-863-806-120

Query Match 0.4%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 1,4e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 273 TCTCTCTCTCTCTCTCTCT 295
DB 25 TCTCTCTCTCTCTCTCTCT 3

RESULT 125

US-10-270-839-75/C
Sequence 75, Application US/10270839
Publication No. US20030143586A1
GENERAL INFORMATION:
APPLICANT: Chao, Qimin
APPLICANT: Grassie, Luigi
APPLICANT: Sasse, Philip M.
APPLICANT: Nicolaides, Nicholas C.
TITLE OF INVENTION: Genetic Hypermutability of Plants for Gene Discovery and Diagnosis
FILE REFERENCE: AG000205 (MOR-0133)
CURRENT APPLICATION NUMBER: US/10/270,839
CURRENT FILING DATE: 2002-10-11
PRIOR APPLICATION NUMBER: 60/328,750
PRIOR FILING DATE: 2001-10-12
NUMBER OF SEQ ID NOS: 129
SOFTWARE: PatentIn version 3.1
SEQ ID NO 75
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer
NAME/KEY: misc_feature
LOCATION: (22)..(22)
OTHER INFORMATION: B is C or G or T/U, not A
US-10-270-839-75

Query Match 0.4%; Score 19.6; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 1.2e+02;
Matches 20; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 269 CCTCTCTCTCTCTCTCTCT 290
DB 22 CCTCTCTCTCTCTCTCTCT 1

RESULT 126

US-10-085-906-237/C
Sequence 237, Application US/10085906
Publication No. US20030054371A1
GENERAL INFORMATION:
APPLICANT: Ying, Vincent
APPLICANT: Wu, Paul
APPLICANT: Gray, Gary S.
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
FILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 09/534,061

; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 237
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-237

Query Match 0.4%; Score 19.6; DB 1; Length 28;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4414 ATATATATATATATATATATATAT 4439
Db 27 ATATATATATATATATATATATAT 2

RESULT 127
US-09-263-959-807
; Sequence 807, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaisters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 807:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-807

Query Match 0.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 271 TCTCTCTCTCTCTCTCTCTCTCT 291
Db 1 TCTCTCTCTCTCTCTCTCTCT 21

RESULT 128
US-09-232-785-394/c
; Sequence 394, Application US/09232785

; Publication No. US20030049612A1
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Ech, Craig S
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 4481/1E18US1
; CURRENT APPLICATION NUMBER: US/09/232,785
; PRIOR FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; PRIOR FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 394
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Pinus taeda L.
US-09-232-785-394

Query Match 0.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4414 ATATATATATATATATATATAT 4434
Db 21 ATATATATATATATATATATAT 1

RESULT 129
US-09-232-785-395/c
; Sequence 395, Application US/09232785
; Publication No. US20030049612A1
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Ech, Craig S
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 4481/1E18US1
; CURRENT APPLICATION NUMBER: US/09/232,785
; CURRENT FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; PRIOR FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 395
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Pinus taeda L.
US-09-232-785-395

Query Match 0.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4416 AATATATATATATATATATAT 4436
Db 21 AATATATATATATATATATAT 1

RESULT 130
US-10-418-182-108/c
; Sequence 108, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17

```

? NUMBER OF SEQ ID NOS: 423
? SOFTWARE: FASTSQ for Windows Version 4.0
? SEQ ID NO 108
? LENGTH: 21
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: oligonucleotide
? US-10-418-182-108

```

Query Match	0.4%	Score 19.4	DB 1	Length 21
Best Local Similarity	95.2%	Pred. No. 1.3e+02		
Matches 20; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

QY	4417	ATAATAATATTAATAATAATA	4437
Db	21	ATAATAAGTAATAATAATA	1

```

RESULT 131
US-09-465-589-10
; Sequence 10, Application US/09465589
; Patent No. US20020031764A1
; GENERAL INFORMATION:
; APPLICANT: KOCH, Jörn Erland
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR AMPLIFYING MULTIPLE TANDEM REPEATS
; FILE REFERENCE: 4305/1E293-US2
; CURRENT APPLICATION NUMBER: US/09/465,589
; CURRENT FILING DATE: 1999-12-17
; PRIOR APPLICATION NUMBER: US 09/091,146
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: PCT/DK96/00513
; PRIOR FILING DATE: 1996-12-05
; PRIOR APPLICATION NUMBER: DK 1379/95
; PRIOR FILING DATE: 1995-12-05
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Amplified oligonucleotide
; US-09-465-589-10

```

Query Match	0.4%	Score 19;	DB 1;	Length 28;
Best Local Similarity	81.5%;	Pred. No. 2.4e+02;		
Matches	22;	Conservative	0;	Mismatches 5;
			Indels 0;	Gaps 0;

Oy		270 C T C T C T C T T T T C T C T C T C T C T T T	296
Dd	1	C T T T C T T T C T T T C T T T C T T T C T T T	27

RESULT 132
US-10-085-906-45/c

GENERAL INFORMATION:
APPLICANT: Ying, Vincent
APPLICANT: Wu, Paul
APPLICANT: Gray, Gary S.
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
FILE REFERENCE: GNN-5344CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR FILING DATE: 2000-03-24
PRIOR APPLICATION NUMBER: PCT/US00/07938

```

: PRIOR FILING DATE: 2000-03-24
:
: NUMBER OF SEQ ID NOS: 545
:
: SOFTWARE: fastseq for Windows Version 4.0
:
: SEQ ID NO 45
:
: LENGTH: 25
:
: TYPE: DNA
:
: ORGANISM: Homo sapiens
:
US-10-085-906-45

```

Query Match	0.4%	Score 18.8;	DB 1;	Length 25;
Best Local Similarity	90.9%	Pred. No. 2,2e+02;		
Matches , 20;	Conservative	0;	Mismatches 2;	Indels 0;
				Gaps 0;

Qy 4414 ATAATAATTAATTAAATAA 4435
 | ||||| ||||| |||||
Db 24 AAAATAATTAATTAATPA 3

```

RESULT 133
US-10-061-201-3146/C
Sequence 3146, Application US/10061201
Publication No. US20030166229A1
GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: PB0178
CURRENT APPLICATION NUMBER: US/10/061, 201
CURRENT FILING DATE: 2002-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00666
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00667
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00664
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00669
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00665
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00668
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00663
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00670
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: US 09/864, 761
PRIORITY FILING DATE: 2001-05-23
PRIORITY APPLICATION NUMBER: US 60/3328, 205
PRIORITY FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Aecma Sequence Listing Engine
SEQ ID NO 3146
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-061-201-3146

```

Query Match	0.4%	Score 18.8	DB 1	Length 25
Best Local Similarity	90.9%	Pred. No. 2.2e+02		
Matches 20; Conservative	0;	Mismatches 2;	Indels 0;	Gaps 0;

OY		814	TGCCGCTGGAGGAAGGACAC	835
Db	25	TGCCTCTGGAGGACGAGACAC	4	

RESULT 134
 US-10-061-201-3147/c
 : Sequence 3147, Application US/10061201
 : Publication No. US20030166229A1
 : GENERAL INFORMATION:
 : APPLICANT: Shannon, Mark
 : TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
 : FILE REFERENCE: PB0178


```
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 12694
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-12694

Query Match      0.4%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1663 GCCAGCTCTGCAGCAGATGAAGA 1687
DB      1 GCCAGCTTCAGCAGCAGCTGAAGCA 25

RESULT 138
US-10-723-361-12694
Sequence 12694, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PE0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
```

```
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 12694
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-12694

Query Match      0.4%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1663 GCCAGCTCTGCAGCAGATGAAGA 1687
DB      1 GCCAGCTTCAGCAGCAGCTGAAGCA 25

RESULT 139
US-10-418-182-150/c
Sequence 150, Application US/10418182
Publication No. US20030228302A1
GENERAL INFORMATION:
APPLICANT: Crea, Roberto
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT FILING DATE: 2003-04-16
PRIOR APPLICATION NUMBER: 60/373,558
PRIOR FILING DATE: 2002-04-17
NUMBER OF SEQ ID NOS: 423
SOFTWARE: FaestSeq for Windows Version 4.0
SEQ ID NO 150
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide
US-10-418-182-150

Query Match      0.4%; Score 18.6; DB 1; Length 27;
Best Local Similarity 84.0%; Pred. No. 2.7e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4415 TATATATATATATATATATATAT 4439
DB      26 TAGTATATATATATATATATATAGT 2

RESULT 140
US-10-418-182-176
Sequence 176, Application US/10418182
Publication No. US20030228302A1
GENERAL INFORMATION:
APPLICANT: Crea, Roberto
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT FILING DATE: 2003-04-16
PRIOR APPLICATION NUMBER: 60/373,558
```

PRIOR FILING DATE: 2002-04-17
NUMBER OF SEQ ID NOS: 423
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 176
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide
US-10-418-182-176

Query Match 0.4%; Score 18.6; DB 1; Length 27;
Best Local Similarity 84.0%; Pred. No. 2,7e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4414 ATATATATATATATATATATATA 4438
DB 2 ACAATACAAATATATATATACAA 26

RESULT 141
US-09-752-639-40
Sequence 40, Application US/09752639
Patent No. US20020091243A1
GENERAL INFORMATION:
APPLICANT: Gatanaga, T.
TITLE OF INVENTION: Factors Altering Tumor Necrosis
TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
TITLE OF INVENTION: of Use Thereof
NUMBER OF SEQUENCES: 154
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,639
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US99/10793
FILING DATE:
APPLICATION NUMBER: 09/081,385
FILING DATE:
APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Wu, Frank
REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 22000-20577.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-752-639-40
Query Match 0.3%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 269 CCTCTCTCTCTCTCTCTC 288
DB 1 CCTCTCTCTCTCTCTCTC 20

RESULT 142
US-09-984-198-40
Sequence 40, Application US/09984198
Patent No. US20020106679A1
GENERAL INFORMATION:
APPLICANT: Gatanaga, T.
TITLE OF INVENTION: Factors Altering Tumor Necrosis
TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
TITLE OF INVENTION: of Use Thereof
NUMBER OF SEQUENCES: 154
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/984,198
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US99/10793
FILING DATE:
APPLICATION NUMBER: 09/081,385
FILING DATE:
APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Wu, Frank
REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 22000-20577.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-984-198-40
Query Match 0.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

RESULT 143
US-10-077-383-29/c
Sequence 29, Application US/10077383
Publication No. US2003005044A1

```
/ GENERAL INFORMATION:
/ APPLICANT: Haydock, Paul V.
/ APPLICANT: U'Ren, Jack
/ APPLICANT: Saigene Corporation
/ TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
/ FILE REFERENCE: 018048-001710US
/ CURRENT APPLICATION NUMBER: US/10/077,383
/ PRIOR FILING DATE: 2002-02-15
/ PRIOR APPLICATION NUMBER: US 60/296,812
/ NUMBER OF SEQ ID NOS: 33
/ SOFTWARE: PatentIn Ver. 2.1
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: (XY)-n spacer
/ NAME/KEY: modified base
/ LOCATION: (13)..(20)
/ OTHER INFORMATION: a or g at positions 13-20 may be present or absent
US-10-077-383-29
```

```
Query Match          0.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      270 CTCCTCTCTTTCTCTCTCT 289
DB      20 CTCCTCTCTCTCTCTCTCT 1
```

```
RESULT 144
US-10-661-088-17/c
/ Sequence 17, Application US/10661088
/ Publication No. US20040162253A1
/ GENERAL INFORMATION:
/ APPLICANT: VAILLANT, ANDREW
/ APPLICANT: JUTEAU, JEAN-MARC
/ TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
/ FILE REFERENCE: 029849/0206
/ CURRENT APPLICATION NUMBER: US/10/661,088
/ PRIOR FILING DATE: 2003-09-12
/ PRIOR APPLICATION NUMBER: PCT/IB03/04573
/ PRIOR FILING DATE: 2003-09-11
/ PRIOR APPLICATION NUMBER: 60/430,934
/ PRIOR FILING DATE: 2002-12-05
/ PRIOR APPLICATION NUMBER: 60/410,264
/ PRIOR FILING DATE: 2002-09-13
/ NUMBER OF SEQ ID NOS: 36
/ SOFTWARE: PatentIn Ver. 3.2
/ SEQ ID NO 17
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: oligonucleotide
US-10-661-088-17
```

```
Query Match          0.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      270 CTCCTCTCTTTCTCTCTCT 289
DB      20 CTCCTCTCTCTCTCTCTCT 1
```

RESULT 145

```
US-10-661-088-18
/ Sequence 18, Application US/10661088
/ Publication No. US20040162253A1
/ GENERAL INFORMATION:
/ APPLICANT: VAILLANT, ANDREW
/ APPLICANT: JUTEAU, JEAN-MARC
/ TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
/ FILE REFERENCE: 029849/0206
/ CURRENT APPLICATION NUMBER: US/10/661,088
/ PRIOR FILING DATE: 2003-09-12
/ PRIOR APPLICATION NUMBER: PCT/IB03/04573
/ PRIOR FILING DATE: 2003-09-11
/ PRIOR APPLICATION NUMBER: 60/430,934
/ PRIOR FILING DATE: 2002-12-05
/ PRIOR APPLICATION NUMBER: 60/410,264
/ PRIOR FILING DATE: 2002-09-13
/ NUMBER OF SEQ ID NOS: 36
/ SOFTWARE: PatentIn Ver. 3.2
/ SEQ ID NO 18
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: oligonucleotide
US-10-661-088-18
```

```
Query Match          0.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      271 TCTCTCTCTTTCTCTCTCTC 290
DB      1 TCTCTCTCTCTCTCTCTCTC 20
```

```
RESULT 146
US-10-661-097-17/c
/ Sequence 17, Application US/10661097
/ Publication No. US20040162254A1
/ GENERAL INFORMATION:
/ APPLICANT: VAILLANT, ANDREW
/ APPLICANT: JUTEAU, JEAN-MARC
/ TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
/ FILE REFERENCE: 029849/0204
/ CURRENT APPLICATION NUMBER: US/10/661,097
/ PRIOR FILING DATE: 2003-09-12
/ PRIOR APPLICATION NUMBER: PCT/IB03/04573
/ PRIOR FILING DATE: 2003-09-11
/ PRIOR APPLICATION NUMBER: 60/430,934
/ PRIOR FILING DATE: 2002-12-05
/ PRIOR APPLICATION NUMBER: 60/410,264
/ PRIOR FILING DATE: 2002-09-13
/ NUMBER OF SEQ ID NOS: 36
/ SOFTWARE: PatentIn Ver. 3.2
/ SEQ ID NO 17
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: oligonucleotide
US-10-661-097-17
```

```
Query Match          0.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      270 CTCCTCTCTTTCTCTCTCT 289
DB      20 CTCCTCTCTCTCTCTCTCT 1
```

RESULT 147

US-10-661-097-18
; Sequence 18, Application US/10661097
; Publication No. US20040162254A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
; FILE REFERENCE: 029849/0204
; CURRENT APPLICATION NUMBER: US/10/661,097
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-097-18

Query Match

Best Local Similarity 0.3%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY

271 TCTCTCTCTCTCTCTCTCTC 290
Db 1 TCTCTCTCTCTCTCTCTCTC 20

RESULT 148

US-10-661-355-17/c
; Sequence 17, Application US/10661355
; Publication No. US20040170959A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
; FILE REFERENCE: 029849/0208
; CURRENT APPLICATION NUMBER: US/10/661,355
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-355-17

Query Match

Best Local Similarity 0.3%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY

270 CTCTCTCTCTCTCTCTCTC 289
Db 20 CTCTCTCTCTCTCTCTCTC 1

RESULT 149

US-10-661-355-18
; Sequence 18, Application US/10661355
; Publication No. US20040170959A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
; FILE REFERENCE: 029849/0208
; CURRENT APPLICATION NUMBER: US/10/661,355
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-355-18

Query Match

Best Local Similarity 0.3%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY

271 TCTCTCTCTCTCTCTCTCTC 290
Db 1 TCTCTCTCTCTCTCTCTCTC 20

RESULT 150

US-10-661-099-17/c
; Sequence 17, Application US/10661099
; Publication No. US20040171568A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
; FILE REFERENCE: 029849/0203
; CURRENT APPLICATION NUMBER: US/10/661,099
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-099-17

Query Match

Best Local Similarity 0.3%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY

270 CTCTCTCTCTCTCTCTCTC 289
Db 20 CTCTCTCTCTCTCTCTCTC 1

RESULT 151
US-10-661-099-18
; Sequence 18, Application US/10661099
; Publication No. US20040171568A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
; FILE REFERENCE: 029849/0203
; CURRENT APPLICATION NUMBER: US/10/661,099
; PRIOR FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-099-18

Query Match 0.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 271 TCTCTCTCTTCTCTCTCTC 290
DB 1 TCTCTCTCTCTCTCTCTC 20

RESULT 152
US-10-270-839-76/c
; Sequence 76, Application US/10270839
; Publication No. US20030143586A1
; GENERAL INFORMATION:
; APPLICANT: Chao, Qimin
; APPLICANT: Grasso, Luigi
; APPLICANT: Sasse, Philip M.
; APPLICANT: Nicolaidis, Nicholas C.
; TITLE OF INVENTION: Genetic Hypermutability of Plants for Gene Discovery and Diagnosis
; FILE REFERENCE: AG000205 (MOR-0133)
; CURRENT APPLICATION NUMBER: US/10/270,839
; PRIOR FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: 60/328,750
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 76
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
; NAME/KEY: misc feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: H is A or C or T/U, not G
US-10-270-839-76

Query Match 0.3%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1.9e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 271 TCTCTCTCTTCTCTCTCTC 290

DB 20 TCTCTCTCTCTCTCTCTC 1

RESULT 153
US-10-717-597-4612
; Sequence 4612, Application US/10717597
; Publication No. US20040110221A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael E.
; APPLICANT: Twine, Natalie C.
; APPLICANT: Dornier, Andrew J.
; APPLICANT: Trepicchio, William L.
; APPLICANT: Slonim, Donna K.
; APPLICANT: Stover, Jennifer A.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
; FILE REFERENCE: AM101080L
; CURRENT APPLICATION NUMBER: US/10/717,597
; PRIOR FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US 60/459,782
; PRIOR FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: US 60/427,982
; PRIOR FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 4904
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4612
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-717-597-4612

Query Match 0.3%; Score 18.4; DB 1; Length 25;
Best Local Similarity 95.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2782 AGAGTTTGTCAAGAGTCAG 2801
DB 5 AGAGTTTGTCAAGAGCCAG 24

RESULT 154
US-09-465-589-9/c
; Sequence 9, Application US/09465589
; Patent No. US20020031764A1
; GENERAL INFORMATION:
; APPLICANT: KOCH, John Erland
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR AMPLIFYING MULTIPLE TANDEM REPETITIVE
; FILE REFERENCE: 4305/18293-US2
; CURRENT APPLICATION NUMBER: US/09/465,589
; PRIOR FILING DATE: 1999-12-17
; PRIOR APPLICATION NUMBER: US 09/091,146
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: PCT/DK96/00513
; PRIOR FILING DATE: 1996-12-05
; PRIOR APPLICATION NUMBER: DK 1379/95
; PRIOR FILING DATE: 1995-12-05
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Amplified oligonucleotide
US-09-465-589-9

Query Match 0.3%; Score 18.4; DB 1; Length 28;
Best Local Similarity 78.6%; Pred. No. 3.1e+02;
Matches 22; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
QY 271 TCTCTCTCTTCTCTCTCTCTGC 298


```

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-098-2638-68987

Query Match
Best Local Similarity 0.3%; Score 18.2; DB 1; Length 25;
Pred. No. 2.8e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3189 GAAGTCACTAGAGGGCCCTCC 3211
DB 1 GAAGTCACTAGAGGGCCCTCC 23

RESULT 158
US-10-723-361-12692
; Sequence 12692, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmca Sequence Listing Engine
; SEQ ID NO 12692
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-12692

Query Match
Best Local Similarity 0.3%; Score 18.2; DB 1; Length 25;
Pred. No. 2.8e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1663 GCCAGCTCTGCAGCAGATGAG 1685
DB 3 GCCAGCTCTGCAGCAGCTGAG 25

RESULT 159
US-10-723-361-12693
; Sequence 12693, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AT
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmca Sequence Listing Engine
; SEQ ID NO 12693
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-12693

Query Match
Best Local Similarity 0.3%; Score 18.2; DB 1; Length 25;
Pred. No. 2.8e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1663 GCCAGCTCTGCAGCAGATGAG 1685
DB 2 GCCAGCTCTGCAGCAGCTGAG 24

RESULT 160
US-10-775-169-2638
; Sequence 2638, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dornier, Andrew
; APPLICANT: Trepichio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities in Vivo
; FILE REFERENCE: AML01080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; PRIOR FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2638
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-10-775-169-2638

Query Match
Best Local Similarity 0.3%; Score 18.2; DB 1; Length 25;
Pred. No. 2.8e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```


QY 293 TCTTCTGTTCTCTGATGAG 315
Db 1 TCTTCTGTTCTCTGATGAG 23

RESULT 161

US-10-286-993-13
; Sequence 13, Application US/10286993
; Publication No. US20030148453A1
; GENERAL INFORMATION:
; APPLICANT: Mantyla, Arja
; APPLICANT: Paloheimo, Marja
; APPLICANT: Lantto, Raija
; APPLICANT: Fagerstrom, Richard
; APPLICANT: Lantinen, Tarja
; APPLICANT: Suominen, Pirkko
; APPLICANT: Vehmaanpera, Jari
; TITLE OF INVENTION: Production and Secretion of Proteins in Filamentous
; TITLE OF INVENTION: Fungi
; FILE REFERENCE: 1716.0340004
; CURRENT APPLICATION NUMBER: US/10/286,993
; CURRENT FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: US/09/120,804
; PRIOR FILING DATE: 1998-07-23
; PRIOR APPLICATION NUMBER: PCT/FI97/00037
; PRIOR FILING DATE: 1997-01-24
; PRIOR APPLICATION NUMBER: US 08/590,563
; PRIOR FILING DATE: 1996-01-26
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 13
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Trichoderma reesei and Actinomodura flexuosa (STRAIN: QM6a and

DSM43186)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(27)
; OTHER INFORMATION: Partial sequence of the fusion in pALK948. Bases 1-5
; OTHER INFORMATION: are bases 13
; OTHER INFORMATION: 42-1346 of T.reesei man1 sequence, bases 6-18 are synthetic KEX2-
; OTHER INFORMATION: linker, bases are 19-27 are bases 432-440 of A.flexuosa AM3 seq
; OTHER INFORMATION: ence.
US-10-286-993-13

Query Match 0.3%; Score 18; DB 1; Length 27;
Best Local Similarity 80.8%; Pred. No. 3.4e+02;
Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3979 AGGCGCGGACTACCGGACACACC 4004
Db 2 ATGTCGCGACAGCGGACACACC 27

RESULT 162
US-10-085-906-141
; Sequence 141, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Yling, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938

; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-141

Query Match 0.3%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTCT 291
Db 1 TCTCTCTCTCTCTCTCTCT 21

RESULT 163

US-10-194-370-16
; Sequence 16, Application US/10194370
; Publication No. US20030096270A1
; GENERAL INFORMATION:
; APPLICANT: Paul Andrew Whitaker et al
; TITLE OF INVENTION: Disease-Associated Gene
; FILE REFERENCE: Case 4-32067A/HO 41
; CURRENT APPLICATION NUMBER: US/10/194,370
; CURRENT FILING DATE: 2002-07-12
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-194-370-16

Query Match 0.3%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4152 CCTCTGCTGGCTCTCTCTCTG 4172
Db 1 CCTCTGCTGGCTCTCTCTG 21

RESULT 164
US-10-418-182-104/c
; Sequence 104, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 104
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-104

Query Match 0.3%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4416 AATATATATATATATATAT 4436
Db 1 AATATATATATATATATAT 21

Db 21 AATAATATGATATATATAT 1

RESULT 165

US-10-418-182-134

Sequence 134, Application US/10418182

Publication No. US20030228302A1

GENERAL INFORMATION:

APPLICANT: Crea, Roberto

TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOLOGICALS

FILE REFERENCE: 1531.2001-001

CURRENT APPLICATION NUMBER: US/10/418.182

PRIOR FILING DATE: 2003-04-16

PRIOR APPLICATION NUMBER: 60/373,558

PRIOR FILING DATE: 2002-04-17

NUMBER OF SEQ ID NOS: 423

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 134

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: oligonucleotide

US-10-418-182-134

Query Match 0.3%; Score 17.8; DB 1; Length 21;

Best Local Similarity 90.5%; Pred. No. 2.5e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4416 AATAATATATATATATATAT 4436

Db 1 AATAATATATATATATATAT 21

RESULT 166

US-10-786-720-14807

Sequence 14807, Application US/10786720

Publication No. US20040191818A1

GENERAL INFORMATION:

APPLICANT: Wyeth

APPLICANT: O'Toole, Margot

APPLICANT: Liu, Wei

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

TITLE OF INVENTION: DISEASES

FILE REFERENCE: 031896-023000 (AM1013311)

CURRENT APPLICATION NUMBER: US/10/786.720

CURRENT FILING DATE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135

SOFTWARE: PatentIn version 3.2

SEQ ID NO 14807

LENGTH: 21

TYPE: RNA

ORGANISM: RNAI-sense strand

US-10-786-720-14807

Query Match 0.3%; Score 17.8; DB 1; Length 21;

Best Local Similarity 61.9%; Pred. No. 2.5e+02;

Matches 13; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 923 TGAGCCCAAGAGGCTTCCTT 943

Db 1 UGAUCCUAGAGGAGUUCUUU 21

RESULT 167

US-09-866-108-4276

Sequence 4276, Application US/09866108

Patent No. US20020048800A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00662

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00661

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 60/266,860

PRIOR FILING DATE: 2001-02-05

NUMBER OF SEQ ID NOS: 15752

SOFTWARE: Aeomica Sequence Letting Engine

SEQ ID NO 4276

LENGTH: 25

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108-4276

Query Match 0.3%; Score 17.8; DB 1; Length 25;

Best Local Similarity 90.5%; Pred. No. 3.3e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 769 ACAAGAGGAAACATGGGCG 789

Db 5 ATRAGAGGAAACATGGGCG 25

RESULT 168

US-09-866-108-4277

Sequence 4277, Application US/09866108

Patent No. US20020048800A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

```
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4277
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-4277
```

```
Query Match 0.3%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 3.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 769 ACAAGAAGAAACATGGCGC 789
Db 4 ATAAGAAGAAAGATGGCGC 24
```

```
RESULT 169
US-09-866-108-4278
; Sequence 4278, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
```

```
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4278
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-4278
```

```
Query Match 0.3%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 3.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 769 ACAAGAAGAAACATGGCGC 789
Db 3 ATAAGAAGAAAGATGGCGC 23
```

```
RESULT 170
US-09-866-108-4279
; Sequence 4279, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
```

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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 4279
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108-4279

Query Match
Best Local Similarity 90.5%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 769 ACAAGAGGAAACATGGGCG 789
DB 2 ATAGAGGAAAGATGGGCG 22

RESULT 171
US-09-866-108-4280
/ Sequence 4280, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 4280
```

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/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108-4280

Query Match
Best Local Similarity 90.5%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 769 ACAAGAGGAAACATGGGCG 789
DB 1 ATAGAGGAAAGATGGGCG 21

RESULT 172
US-10-098-263B-40421/c
/ Sequence 40421, Application US/10098263B
/ Publication No. US20030104410A1
/ GENERAL INFORMATION:
/ APPLICANT: Miltman, Michael
/ TITLE OF INVENTION: Human Microarray
/ FILE REFERENCE: 3118.1
/ CURRENT APPLICATION NUMBER: US/10/098,263B
/ CURRENT FILING DATE: 2003-01-08
/ PRIOR APPLICATION NUMBER: 60/276,759
/ PRIOR FILING DATE: 2001-03-16
/ NUMBER OF SEQ ID NOS: 131066
/ SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
/ SEQ ID NO 40421
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapien
/ US-10-098-263B-40421

Query Match
Best Local Similarity 90.5%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2056 ACACACTGGGAAACAGGAG 2076
DB 25 ACACACTGGGAAACAGGAG 5

RESULT 173
US-10-098-263B-127273
/ Sequence 127273, Application US/10098263B
/ Publication No. US20030104410A1
/ GENERAL INFORMATION:
/ APPLICANT: Miltman, Michael
/ TITLE OF INVENTION: Human Microarray
/ FILE REFERENCE: 3118.1
/ CURRENT APPLICATION NUMBER: US/10/098,263B
/ CURRENT FILING DATE: 2003-01-08
/ PRIOR APPLICATION NUMBER: 60/276,759
/ PRIOR FILING DATE: 2001-03-16
/ NUMBER OF SEQ ID NOS: 131066
/ SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
/ SEQ ID NO 127273
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapien
/ US-10-098-263B-127273

Query Match
Best Local Similarity 90.3%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 849 GAGGAGACACAGAAAGTCTC 869
DB 1 GAGGAGACACAGAAAGTCTC 21

RESULT 174
```

```
US-10-061-201-3145/c
; Sequence 3145, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061.201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761

Query Match
Best Local Similarity 0.3%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      815 GCCCGTGGAGGAGAGGAC 835
Db      25 GCCTCTGGAGGAGGAGGAC 5

RESULT 175
US-10-061-201-3150/c
; Sequence 3150, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061.201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
```

```
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3150
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-3150

Query Match
Best Local Similarity 0.3%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      814 TGGCGTGGAGGAGGAGCA 834
Db      21 TGCTCTGGAGGAGGAGCA 1

RESULT 176
US-10-723-361-4276
; Sequence 4276, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 4276
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-4276

Query Match
Best Local Similarity 0.3%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      769 ACAAGAAAGGAAACATGGGCG 789
Db      5 ATAAAGAAAGAAAGATGGGCG 25
```

```
RESULT 177
US-10-723-361-4277
; Sequence 4277, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4277
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-4277

Query Match          0.3%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 3.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      769 ACAAGAAGAAACATGGGCG 789
Db      4 ATAAGAAGAAAGATGGGCG 24

RESULT 178
US-10-723-361-4278
; Sequence 4278, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
```

```
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4278
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-4278

Query Match          0.3%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 3.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      769 ACAAGAAGAAACATGGGCG 789
Db      3 ATAAGAAGAAAGATGGGCG 23

RESULT 179
US-10-723-361-4279
; Sequence 4279, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
```

NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 4279
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-4279

Query Match 0.3% Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 3.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 769 ACAAGAGGAAACATGCGGC 789
Db 2 ATAGAGGAGAAAGATGCGGC 22

RESULT 180
US-10-723-361-4280
Sequence 4280, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 4280
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-4280

Query Match 0.3% Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 3.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 769 ACAAGAGGAAACATGCGGC 789
Db 1 ATAGAGGAGAAAGATGCGGC 21

RESULT 181
US-10-775-169-636

Sequence 636, Application US/10775169
Publication No. US2004015743A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Burczynski, Michael
APPLICANT: Twine, Natalie
APPLICANT: Dornet, Andrew
APPLICANT: Trepicchio, William
TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
FILE REFERENCE: AM101080 (031896-013000)
CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILING DATE: 2004-02-11
NUMBER OF SEQ ID NOS: 5278
SOFTWARE: PatentIn version 3.2
SEQ ID NO 636
LENGTH: 25
TYPE: DNA
ORGANISM: probe
US-10-775-169-636

Query Match 0.3% Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 3.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1167 CTCATGAGAGATCATCCGG 1187
Db 5 CTCATGAGAGATCATCCGG 25

RESULT 182
US-10-775-169-637
Sequence 637, Application US/10775169
Publication No. US2004015743A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Burczynski, Michael
APPLICANT: Twine, Natalie
APPLICANT: Dornet, Andrew
APPLICANT: Trepicchio, William
TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
FILE REFERENCE: AM101080 (031896-013000)
CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILING DATE: 2004-02-11
NUMBER OF SEQ ID NOS: 5278
SOFTWARE: PatentIn version 3.2
SEQ ID NO 637
LENGTH: 25
TYPE: DNA
ORGANISM: probe
US-10-775-169-637

Query Match 0.3% Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 3.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1167 CTCATGAGAGATCATCCGG 1187
Db 4 CTCATGAGAGATCATCCGG 24

RESULT 183
US-09-940-185-3949/C
Sequence 3949, Application US/09940185
Publication No. US20030096239A1
GENERAL INFORMATION:
APPLICANT: Gunderson, Kevin
APPLICANT: Chee, Mark
TITLE OF INVENTION: Probes and Decoder Oligonucleotides
FILE REFERENCE: A-69605-1
CURRENT APPLICATION NUMBER: US/09/940,185
CURRENT FILING DATE: 2001-08-27
PRIOR APPLICATION NUMBER: US 60/227,948
PRIOR FILING DATE: 2000-08-25

PRIOR APPLICATION NUMBER: US 60/228,854
PRIOR FILING DATE: 2000-08-29
NUMBER OF SEQ ID NOS: 4768
SOFTWARE: Patentin version 3.1
SEQ ID NO 3949
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Computer Generated Probe Sequence.
US-09-940-185-3949

Query Match
Best Local Similarity 83.3%; DB 1; Length 24;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1487 CATTAGAGTCCAGAGTGTTC 1510
DB 24 CATTAGAGTCCAGAGTGTTC 1

RESULT 184
US-09-770-621-11
Sequence 11, Application US/09770621
Patent No. US20010024815A1
GENERAL INFORMATION:
APPLICANT: M nlyl, Arja
APPLICANT: Vehmaender, Jari
APPLICANT: Fagerstr m, Richard
APPLICANT: Lantto, Raija
APPLICANT: Paloheimo, Marja
APPLICANT: Suominen, Pirkko
APPLICANT: Lahtinen, Tarja
TITLE OF INVENTION: Production and Secretion of Proteins of
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C.
STREET: 1100 New York Ave., N.W. Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/770,621
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/590,563
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/332,412
FILING DATE: 31-OCT-1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/282,001
FILING DATE: 29-JUL-1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Bugaisky, Lawrence B.
REGISTRATION NUMBER: 35,086
REFERENCE/DOCKET NUMBER: 1050.0340003
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs

TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: both
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 2..25
US-09-770-621-11

Query Match
Best Local Similarity 83.3%; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3981 GGCGCGGACTACCGGACACACC 4004
DB 2 GGCGCGGACGCGGACACACC 25

RESULT 185
US-09-866-108-12695
Sequence 12695, Application US/09866108
Patent No. US2002004800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEWICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecmca Sequence Listing Engine
SEQ ID NO 12695
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-12695

Query Match
0.3%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1664 CCAGCTCCTGCAGCATGAAGAA 1687
Db 1 CCAGCTTCAGCAGCAGCTGAAGCA 24

RESULT 186

US-10-060-756A-2222/c
; Sequence 2222, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:

APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177

CURRENT APPLICATION NUMBER: US/10/060, 756A
PRIOR FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 2222
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-060-756A-2222

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 465 GGGTCCTGGGGGCTGCTGCCGCC 488
Db 25 GGGTCCCGGGGGTGGCTGCTGCC 2

RESULT 187

US-10-060-756A-2223/c
; Sequence 2223, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:

APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177

CURRENT APPLICATION NUMBER: US/10/060, 756A
PRIOR FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30

APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060, 756A
PRIOR FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30

US-10-060-756A-2223

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 465 GGGTCCTGGGGGCTGCTGCCGCC 488
Db 24 GGGTCCCGGGGGTGGCTGCTGCC 1

RESULT 188

US-10-215-112-6364
; Sequence 6364, Application US/10215112
; Publication No. US20030082596A1
; GENERAL INFORMATION:

APPLICANT: Michael Miltman
TITLE OF INVENTION: Method of Genetic Analysis of Probes:
FILE REFERENCE: Test3
CURRENT APPLICATION NUMBER: US/10/215,112
PRIOR FILING DATE: 2002-08-08
NUMBER OF SEQ ID NOS: 14936
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 6364
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
US-10-215-112-6364

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 393 CAGCCGAGGCCACCAAGAGCAAC 416
Db 2 CAGCCGAGGTCACCGAGGGTAC 25

RESULT 189

US-10-098-263B-45198
; Sequence 45198, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:

APPLICANT: Miltman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
PRIOR FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 45198
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-45198

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;

```
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 1554 AAGTCACAGAAATTCGATGAATAG 1577
Db 2 AAGTAAACAGAAATTCACAGTAAG 25

RESULT 190
US-10-098-263B-83203/c
; Sequence 83203; Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 83203
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-098-263B-83203

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 4269 GAGCGTGAAGAAACGACGACC 4292
Db 25 GAGCGTGAAGAAACGACGACC 2

RESULT 191
US-10-098-263B-83204/c
; Sequence 83204; Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 83204
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-098-263B-83204

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 4269 GAGCGTGAAGAAACGACGACC 4292
Db 25 GAGCGTGAAGAAACGACGACC 2

RESULT 192
US-10-061-201-3141/c
; Sequence 3141; Application US/10061201
; Publication No. US2003016229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
```

```
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3141
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-3141

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 819 CTGAGAGAAAGACACACGCGAC 842
Db 25 CTGAGAGAGACACACGCGAC 2

RESULT 193
US-10-061-201-3142/c
; Sequence 3142; Application US/10061201
; Publication No. US2003016229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3142
; LENGTH: 25
```

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-3142

Query Match
Best Local Similarity 0.3%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 819 CTGAGAGAGACAGACAGCGGAC 842
Db 24 CTGAGAGACAGACAGACAGCGGAC 1

RESULT 194
US-10-717-597-4365/C
; Sequence 4365, Application US/10717597
; Publication No. US20040110221A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael E.
; APPLICANT: Twine, Natalie C.
; APPLICANT: Dornier, Andrew J.
; APPLICANT: Trepichio, William L.
; APPLICANT: Slonim, Donna K.
; APPLICANT: Stever, Jennifer A.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
; FILE REFERENCE: AM101080L
; CURRENT APPLICATION NUMBER: US/10/717,597
; CURRENT FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US 60/459,782
; PRIOR FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: US 60/427,982
; PRIOR FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 4904
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4365
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-717-597-4365

Query Match
Best Local Similarity 0.3%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 451 CCTCGGTGTGTGTGGTCTCTGG 474
Db 25 CCTCGAGGTGTGTAGCTCTGGG 2

RESULT 195
US-10-723-361-12695
; Sequence 12695, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Mengsheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
```

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; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomca Sequence Listing Engine
; SEQ ID NO 12695
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-12695

Query Match
Best Local Similarity 0.3%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1664 CCACTCTCTGACAGATGAAGA 1687
Db 1 CCACTTACAGACAGAGTGAAGA 24

RESULT 196
US-09-961-077-929
; Sequence 929, Application US/09961077
; Publication No. US20030014775A1
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; Edington, Brent E.
; McSwigen, James A.
; Merlo, Patricia Ann Owens
; Guo, Lining
; Skokut, Thomas A.
; Young, Scott A.
; Folkerts, Otto
; Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; MODULATION OF GENE EXPRESSION
; IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/961,077
; FILING DATE: 21-Sep-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/679,645
; FILING DATE: July 12, 1996
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
```

```

; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
;   NAME: Warburg, Richard J.
;   REGISTRATION NUMBER: 32,327
;   REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (213) 489-1600
;   TELEFAX: (213) 955-0440
;   TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 929:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 27 base pairs
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
; FEATURE:
;   OTHER INFORMATION: The letter "N" stands for any base.
; SEQUENCE DESCRIPTION: SEQ ID NO: 929:
US-09-961-077-929

Query Match          0.3%; Score 17.6; DB 1; Length 27;
Best Local Similarity 44.0%; Pred. No. 4e+02;
Matches 11; Conservative 9; Mismatches 5; Indels 0; Gaps 0;

QY      300 TGGTTTCTGTAATGAGGAGCTTC 324
DB      1 UGCGUCUCUGAUGANGAUAUUCUC 25

RESULT 197
US-10-114-091-8
; Sequence 8, Application US/10114091
; Publication No. US20020197243A1
; GENERAL INFORMATION:
;   APPLICANT: Nicolette, Charles A.
;   TITLE OF INVENTION: NOVEL P53BP2 COMPOUNDS FOR THERAPY AND DIAGNOSIS AND METHODS FOR
;   TITLE OF INVENTION: SAME
;   FILE REFERENCE: G2 2106.00
;   CURRENT APPLICATION NUMBER: US/10/114,091
;   CURRENT FILING DATE: 2002-06-04
;   PRIOR APPLICATION NUMBER: US 60/280,794
;   PRIOR FILING DATE: 2001-03-30
;   NUMBER OF SEQ ID NOS: 22
;   SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
;   LENGTH: 27
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: P53 BP2
;   NAME/KEY: misc feature
;   LOCATION: 6, 9, 15, 27
;   OTHER INFORMATION: n = A,T,C or G
US-10-114-091-8

Query Match          0.3%; Score 17.6; DB 1; Length 27;
Best Local Similarity 60.9%; Pred. No. 4e+02;
Matches 14; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY      1585 TCTTGTGTGAACAGAGAGAG 1607
DB      2 TTYTGTNGARACGARGAARGAR 24

RESULT 198
US-10-211-859-25/c
; Sequence 25, Application US/10211859
; Publication No. US20040022765A1
; GENERAL INFORMATION:
;   APPLICANT: Brett P. Monia
;   APPLICANT: Kenneth W. Doble
;   TITLE OF INVENTION: ANTISENSE MODULATION OF RAN GTPASE ACTIVATING PROTEIN 1 EXPRESSIO
```

```

; FILE REFERENCE: HTS-0013
; CURRENT APPLICATION NUMBER: US/10/211,859
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
;   OTHER INFORMATION: Antisense Oligonucleotide
US-10-211-859-25

Query Match          0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 2.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1336 AAGACAGGTCAAGGCTT 1354
DB      20 AAGACAAAGTCAAGGCAT 2

RESULT 199
US-09-866-108-4281
; Sequence 4281, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
;   APPLICANT: GU, Yizhong
;   APPLICANT: JI, Yonggang
;   APPLICANT: PENN, Sharon G.
;   APPLICANT: HANZEL, David K.
;   APPLICANT: RANK, David R.
;   APPLICANT: CHEN, Wensheng
;   APPLICANT: SHANNON, Mark
;   TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;   FILE REFERENCE: AEOWICA-7
;   CURRENT APPLICATION NUMBER: US/09/866,108
;   CURRENT FILING DATE: 2001-05-25
;   PRIOR APPLICATION NUMBER: US 60/207,456
;   PRIOR FILING DATE: 2000-05-26
;   PRIOR APPLICATION NUMBER: GB 24263.6
;   PRIOR FILING DATE: 2000-10-04
;   PRIOR APPLICATION NUMBER: US 60/236,359
;   PRIOR FILING DATE: 2000-09-27
;   PRIOR APPLICATION NUMBER: PCT/US01/00666
;   PRIOR FILING DATE: 2001-01-30
;   PRIOR APPLICATION NUMBER: PCT/US01/00667
;   PRIOR FILING DATE: 2001-01-30
;   PRIOR APPLICATION NUMBER: PCT/US01/00664
;   PRIOR FILING DATE: 2001-01-30
;   PRIOR APPLICATION NUMBER: PCT/US01/00669
;   PRIOR FILING DATE: 2001-01-30
;   PRIOR APPLICATION NUMBER: PCT/US01/00665
;   PRIOR FILING DATE: 2001-01-30
;   PRIOR APPLICATION NUMBER: PCT/US01/00668
;   PRIOR FILING DATE: 2001-01-30
;   PRIOR APPLICATION NUMBER: PCT/US01/00663
;   PRIOR FILING DATE: 2001-01-30
;   PRIOR APPLICATION NUMBER: PCT/US01/00662
;   PRIOR FILING DATE: 2001-01-30
;   PRIOR APPLICATION NUMBER: PCT/US01/00661
;   PRIOR FILING DATE: 2001-01-30
;   PRIOR APPLICATION NUMBER: PCT/US01/00670
;   PRIOR FILING DATE: 2001-01-30
;   PRIOR APPLICATION NUMBER: US 60/234,687
;   PRIOR FILING DATE: 2000-09-21
;   PRIOR APPLICATION NUMBER: US 60/266,860
;   PRIOR FILING DATE: 2001-02-05
;   NUMBER OF SEQ ID NOS: 15752
;   SOFTWARE: Aeomica Sequence Listing Engine
;   SEQ ID NO 4281
;   LENGTH: 25
;   TYPE: DNA
;   ORGANISM: Homo sapiens
```

US-09-866-108-4281

Query Match 0.3%; Score 17.4; DB 1; Length 25;
Best Local Similarity 94.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 AAGAAGGAAAACATGGGCGC 789
Db 2 AAGAAGGAAAACATGGGCGC 20

RESULT 200

US-09-866-108-4282
; Sequence 4282, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4282
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-4282

Query Match 0.3%; Score 17.4; DB 1; Length 25;
Best Local Similarity 94.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 AAGAAGGAAAACATGGGCGC 789
Db 1 AAGAAGGAAAACATGGGCGC 19

RESULT 201

US-10-723-361-4281
; Sequence 4281, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4281
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-4281

Query Match 0.3%; Score 17.4; DB 1; Length 25;
Best Local Similarity 94.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 AAGAAGGAAAACATGGGCGC 789
Db 2 AAGAAGGAAAACATGGGCGC 20

RESULT 202

US-10-723-361-4282
; Sequence 4282, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25

```
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining prior Application data removed - See file Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 4282
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-723-361-4282

Query Match      0.3%; Score 17.4; DB 1; Length 25;
Best Local Similarity 94.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      771 AAGAGGAAAAATGGGGC 789
Db      1 AAGAGGAAAAATGGGGC 19

RESULT 203
/ US-10-002-623-32
/ Sequence 32, Application US/10002623
/ Publication No. US20030134285A1
/ GENERAL INFORMATION:
/ APPLICANT: OEFNER, PETER J.
/ TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
/ TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
/ FILE REFERENCE: STAN-212
/ CURRENT APPLICATION NUMBER: US/10/002,623
/ CURRENT FILING DATE: 2001-11-01
/ PRIOR APPLICATION NUMBER: US 60/245,355
/ PRIOR FILING DATE: 2000-11-01
/ NUMBER OF SEQ ID NOS: 952
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 32
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: synthetic oligo
/ US-10-002-623-32

Query Match      0.3%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.7e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      273 TCTCTCTTCTCTCTCTCTC 294
Db      1 TCTCTCTCTCTCTCTCTC 22

RESULT 204
/ US-09-756-095-53/c
/ Sequence 53, Application US/09756095
```

```
/ Patent No. US20020115207A1
/ GENERAL INFORMATION:
/ APPLICANT: Mitchell, Lloyd G.
/ APPLICANT: Garcia-Blanco, Mariano A.
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
/ TITLE OF INVENTION: SPliceOSOME MEDIATED RNA TRANS-SPlicing
/ FILE REFERENCE: A31304-B-A 072874.0134
/ CURRENT APPLICATION NUMBER: US/09/756,095
/ PRIOR FILING DATE: 2001-01-08
/ PRIOR APPLICATION NUMBER: 09/158,863
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 09/133,717
/ PRIOR FILING DATE: 1998-08-13
/ PRIOR APPLICATION NUMBER: 09/087,233
/ PRIOR FILING DATE: 1998-05-28
/ PRIOR APPLICATION NUMBER: 08/766,354
/ PRIOR FILING DATE: 1996-12-13
/ PRIOR APPLICATION NUMBER: 60/008,317
/ PRIOR FILING DATE: 1995-12-07
/ NUMBER OF SEQ ID NOS: 105
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 53
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: trans-spliced product containing Human chorionic
/ OTHER INFORMATION: gonadotropin gene 6 sequences and Corynebacterium
/ US-09-756-095-53

Query Match      0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1952 CATCCACAGCTCTGGACATC 1973
Db      24 CATCATCAGCCCTGGACATC 3

RESULT 205
/ US-09-941-492-53/c
/ Sequence 53, Application US/09941492
/ Publication No. US20030027250A1
/ GENERAL INFORMATION:
/ APPLICANT: Mitchell, Lloyd
/ APPLICANT: Garcia-Blanco, Mariano M.
/ APPLICANT: Puterbaugh, Madalain
/ TITLE OF INVENTION: METHODS OF COMPOSITIONS FOR USE IN
/ TITLE OF INVENTION: SPliceOSOME MEDIATED RNA TRANS-SPlicing
/ FILE REFERENCE: A31304-B-AE (072874.0156)
/ CURRENT APPLICATION NUMBER: US/09/941,492
/ CURRENT FILING DATE: 2002-04-01
/ PRIOR APPLICATION NUMBER: 09/838,858
/ PRIOR FILING DATE: 2001-04-20
/ PRIOR APPLICATION NUMBER: 09/756,096
/ PRIOR FILING DATE: 2001-01-08
/ PRIOR APPLICATION NUMBER: 09/158,863
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 09/133,717
/ PRIOR FILING DATE: 1998-08-13
/ PRIOR APPLICATION NUMBER: 09/087,233
/ PRIOR FILING DATE: 1998-05-28
/ PRIOR APPLICATION NUMBER: 08/766,354
/ PRIOR FILING DATE: 1996-12-13
/ NUMBER OF SEQ ID NOS: 125
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 53
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
```

OTHER INFORMATION: Trans-spliced product containing human chorionic
OTHER INFORMATION: gonadotropin gene 6 sequences and Corynebacterium
US-09-941-492-53

Query Match 0.3% Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1952 CATCCACACGCTCTGGAAATC 1973
DB 24 CATCATCAGCCCTCGAATC 3

RESULT 206

US-09-756-096A-53/c
Sequence 53, Application US/09756096A
Publication No. US2003007754A1
GENERAL INFORMATION:
APPLICANT: Mitchell, Lloyd G.
APPLICANT: Garcia-Blanco, Mariano A.
APPLICANT: Puttaraju, Madalain
APPLICANT: Mansfield, Gary S.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
FILE REFERENCE: A31304-B-A-B 072874.0135
CURRENT APPLICATION NUMBER: US/09/756.096A
CURRENT FILING DATE: 2001-01-08
PRIOR APPLICATION NUMBER: 09/158,863
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 09/133,717
PRIOR FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: 09/087,233
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 08/766,354
PRIOR FILING DATE: 1996-12-13
PRIOR APPLICATION NUMBER: 60/008,317
PRIOR FILING DATE: 1995-12-15
NUMBER OF SEQ ID NOS: 105
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 53
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: trans-spliced product containing Human chorionic
OTHER INFORMATION: gonadotropin gene 6 sequences and Corynebacterium
US-09-756-096A-53

Query Match 0.3% Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1952 CATCCACACGCTCTGGAAATC 1973
DB 24 CATCATCAGCCCTCGAATC 3

RESULT 207

US-09-838-858-53/c
Sequence 53, Application US/09838858
Publication No. US20030148937A1
GENERAL INFORMATION:
APPLICANT: Mansfield, Gary S.
APPLICANT: Mitchell, Lloyd G.
APPLICANT: Garcia-Blanco, Mariano A.
APPLICANT: Walsh, Christopher E.
APPLICANT: Chao, Hengjun
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
FILE REFERENCE: A31304-BAD 072874.01
CURRENT APPLICATION NUMBER: US/09/838.858

CURRENT FILING DATE: 2001-04-20
PRIOR APPLICATION NUMBER: 09/756,096
PRIOR FILING DATE: 2001-02-08
PRIOR APPLICATION NUMBER: 09/158,863
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 09/133,717
PRIOR FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: 09/087,233
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 08/766,354
PRIOR FILING DATE: 1996-12-13
PRIOR APPLICATION NUMBER: 60/008,317
PRIOR FILING DATE: 1995-12-15
NUMBER OF SEQ ID NOS: 113
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 53
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Trans-spliced product containing humanchorionic
OTHER INFORMATION: gonadotropin gene 6 sequences and Corynebacterium
US-09-838-858-53

Query Match 0.3% Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1952 CATCCACACGCTCTGGAAATC 1973
DB 24 CATCATCAGCCCTCGAATC 3

RESULT 208

US-09-866-108-12691
Sequence 12691, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Mengsheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661

```
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 12691
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-12691
```

```
Query Match          0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      1663 GCCAGCTCTGACGACATGAA 1684
Db      4   GCCAGCTTGCAGCAGCAGCTGAA 25
```

```
RESULT 209
US-10-098-263B-23354/C
/ Sequence 23354, Application US/10098263B
/ Publication No. US20030104410A1
/ GENERAL INFORMATION:
/ APPLICANT: Miltman, Michael
/ TITLE OF INVENTION: Human Microarray
/ FILE REFERENCE: 3118.1
/ CURRENT APPLICATION NUMBER: US/10/098,263B
/ PRIOR FILING DATE: 2003-01-08
/ PRIOR APPLICATION NUMBER: 60/276,759
/ PRIOR FILING DATE: 2001-03-16
/ NUMBER OF SEQ ID NOS: 131066
/ SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
/ SEQ ID NO 23354
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapien
US-10-098-263B-23354
```

```
Query Match          0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      2755 ACCTGAGTTCCTCGAGCTG 2776
Db      25   ACCTGGACCTCCACTCGAGCAG 4
```

```
RESULT 210
US-10-098-263B-33930
/ Sequence 33930, Application US/10098263B
/ Publication No. US20030104410A1
/ GENERAL INFORMATION:
/ APPLICANT: Miltman, Michael
/ TITLE OF INVENTION: Human Microarray
/ FILE REFERENCE: 3118.1
/ CURRENT APPLICATION NUMBER: US/10/098,263B
/ PRIOR FILING DATE: 2003-01-08
/ PRIOR APPLICATION NUMBER: 60/276,759
/ PRIOR FILING DATE: 2001-03-16
/ NUMBER OF SEQ ID NOS: 131066
/ SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
/ SEQ ID NO 33930
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapien
US-10-098-263B-33930
```

```
Query Match          0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      4622 CTGGAGTGACACAGGGCTCGG 4643
Db      4   CTGGGTGACACATGACTCGG 25
```

```
RESULT 211
US-10-098-263B-62327
/ Sequence 62327, Application US/10098263B
/ Publication No. US20030104410A1
/ GENERAL INFORMATION:
/ APPLICANT: Miltman, Michael
/ TITLE OF INVENTION: Human Microarray
/ FILE REFERENCE: 3118.1
/ CURRENT APPLICATION NUMBER: US/10/098,263B
/ PRIOR FILING DATE: 2003-01-08
/ PRIOR APPLICATION NUMBER: 60/276,759
/ PRIOR FILING DATE: 2001-03-16
/ NUMBER OF SEQ ID NOS: 131066
/ SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
/ SEQ ID NO 62327
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapien
US-10-098-263B-62327
```

```
Query Match          0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      502 CCAGCCGACATGTCCTG 523
Db      1   CCAGCAACCATGTCCTCTG 22
```

```
RESULT 212
US-10-098-263B-73322
/ Sequence 73322, Application US/10098263B
/ Publication No. US20030104410A1
/ GENERAL INFORMATION:
/ APPLICANT: Miltman, Michael
/ TITLE OF INVENTION: Human Microarray
/ FILE REFERENCE: 3118.1
/ CURRENT APPLICATION NUMBER: US/10/098,263B
/ PRIOR FILING DATE: 2003-01-08
/ PRIOR APPLICATION NUMBER: 60/276,759
/ PRIOR FILING DATE: 2001-03-16
/ NUMBER OF SEQ ID NOS: 131066
/ SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
/ SEQ ID NO 73322
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapien
US-10-098-263B-73322
```

```
Query Match          0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      1457 CAAAGTCAGCTTGAGTCTGG 1478
Db      1   CAAATGACGTTGAGTCCGG 22
```

```
RESULT 213
US-10-098-263B-99583
/ Sequence 99583, Application US/10098263B
/ Publication No. US20030104410A1
/ GENERAL INFORMATION:
/ APPLICANT: Miltman, Michael
```


TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 99583
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-99583

Query Match 0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 865 GTGTCGTCTCCACCCGAGCT 886
DB 1 GTCTCGTCTCTCCACCCGAGCT 22

RESULT 214
US-10-098-263B-99584
Sequence 99584, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miltman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 99584
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-99584

Query Match 0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 865 GTGTCGTCTCCACCCGAGCT 886
DB 1 GTCTCGTCTCTCCACCCGAGCT 22

RESULT 215
US-10-098-263B-118518
Sequence 118518, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miltman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 118518
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-118518

Query Match 0.3%; Score 17.2; DB 1; Length 25;

Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1364 GGGTCTGAGTCTCCGACCCGG 1385
DB 4 GGGTCTGAGTCTCCGACCCGG 25

RESULT 216
US-10-107-748-11/c
Sequence 11, Application US/10107748
Publication No. US20030165880A1
GENERAL INFORMATION:
APPLICANT: Varigenics, Inc.
TITLE OF INVENTION: Fluorescence-based Genotyping
FILE REFERENCE: 24748-7024 (268/244)
CURRENT APPLICATION NUMBER: US/10/107,748
CURRENT FILING DATE: 2003-03-26
PRIOR APPLICATION NUMBER: 09/394,467
PRIOR FILING DATE: 1999-09-10
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn version 3.1
SEQ ID NO 11
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Expected fragments from transferrin receptor sequence after clea
US-10-107-748-11

Query Match 0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4687 GAAGCTGTCTGTCCAGCTTC 4708
DB 22 GAAGCTGTCTGTCCAGCTTC 1

RESULT 217
US-10-107-748-15/c
Sequence 15, Application US/10107748
Publication No. US20030165880A1
GENERAL INFORMATION:
APPLICANT: Varigenics, Inc.
TITLE OF INVENTION: Fluorescence-based Genotyping
FILE REFERENCE: 24748-7024 (268/244)
CURRENT APPLICATION NUMBER: US/10/107,748
CURRENT FILING DATE: 2003-03-26
PRIOR APPLICATION NUMBER: 09/394,467
PRIOR FILING DATE: 1999-09-10
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn version 3.1
SEQ ID NO 15
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Expected fragment from transferrin receptor cleavage.
US-10-107-748-15

Query Match 0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4687 GAAGCTGTCTGTCCAGCTTC 4708
DB 22 GAAGCTGTCTGTCCAGCTTC 1

RESULT 218
US-10-717-597-3764/c

```
/ Sequence 3764, Application US/10717597
/ Publication No. US20040110221A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: Burczynski, Michael E.
/ APPLICANT: Twine, Natalie C.
/ APPLICANT: Dornier, Andrew J.
/ APPLICANT: Trepicchio, William L.
/ APPLICANT: Stonim, Donna K.
/ APPLICANT: Stover, Jennifer A.
/ TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
/ FILE REFERENCE: AM101080L
/ CURRENT APPLICATION NUMBER: US/10/717,597
/ CURRENT FILING DATE: 2003-11-21
/ PRIOR APPLICATION NUMBER: US 60/459,782
/ PRIOR FILING DATE: 2003-04-03
/ PRIOR APPLICATION NUMBER: US 60/427,982
/ PRIOR FILING DATE: 2002-11-21
/ NUMBER OF SEQ ID NOS: 4904
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 3764
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-717-597-3764

Query Match          0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2473 CCTACACCAAGCAGAAAGCGAC 2494
Db      25  CCATCACCAAGCAGAAAGAGAC 4

RESULT 219
/ US-10-723-361-12691
/ Sequence 12691, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: UI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ CURRENT FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
```

```
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 12691
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-723-361-12691

Query Match          0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1663 GCCAGCTCTCGACGACGATGAA 1684
Db      4  GCCAGCTTCACGACGCTGAA 25

RESULT 220
/ US-10-775-169-2711/C
/ Sequence 2711, Application US/10775169
/ Publication No. US20040175743A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: Burczynski, Michael
/ APPLICANT: Twine, Natalie
/ APPLICANT: Dornier, Andrew
/ APPLICANT: Trepicchio, William
/ TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
/ FILE REFERENCE: AM101080 (031896-013000)
/ CURRENT APPLICATION NUMBER: US/10/775,169
/ CURRENT FILING DATE: 2004-02-11
/ NUMBER OF SEQ ID NOS: 5278
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 2711
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: probe
/ US-10-775-169-2711

Query Match          0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2473 CCTACCAAGCAGAAAGCGAC 2494
Db      25  CCATCACCAAGCAGAAAGAGAC 4

RESULT 221
/ US-10-775-169-4740/C
/ Sequence 4740, Application US/10775169
/ Publication No. US20040175743A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: Burczynski, Michael
/ APPLICANT: Twine, Natalie
/ APPLICANT: Dornier, Andrew
/ APPLICANT: Trepicchio, William
/ TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
/ FILE REFERENCE: AM101080 (031896-013000)
/ CURRENT APPLICATION NUMBER: US/10/775,169
/ CURRENT FILING DATE: 2004-02-11
/ NUMBER OF SEQ ID NOS: 5278
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 4740
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: probe
/ US-10-775-169-4740

Query Match          0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

Qy 4048 CAGGGCTTACGAGACTGC 4069
Db 22 CAGGGCTTGTGCTGACTCC 1

RESULT 222
US-09-759-967-17
Sequence 17, Application US/09759967
Publication No. US20030166518A1
GENERAL INFORMATION:
APPLICANT: The Board of Regents of the University of Nebraska
TITLE OF INVENTION: METHOD FOR ALLERGEN CHARACTERIZATION
FILE REFERENCE: UNL 3001.01
CURRENT APPLICATION NUMBER: US/09/759,967
CURRENT FILING DATE: 2001-01-12
NUMBER OF SEQ ID NOS: 23
SOFTWARE: PatentIn version 3.0
SEQ ID NO 17
LENGTH: 21
TYPE: DNA
ORGANISM: Glycine max
US-09-759-967-17

Query Match 0.3%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2807 AGAATGAGAGAGAA 2823
Db 5 AGAATGAGAGAGAA 21

RESULT 223
US-09-866-108-12594
Sequence 12594, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 12594
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-12594

Query Match 0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1221 TTGACGAGAGCTCCCGGCC 1245
Db 1 TTGACGAGAGCTCCCGGCC 25

RESULT 224
US-09-866-108-12595
Sequence 12595, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 12595
LENGTH: 25
TYPE: DNA

ORGANISM: Homo sapiens
US-09-866-108-12595

Query Match 0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1222 TTGACCGACAGCTCTCCCGGCGCT 1246
DB 1 TTGACCTGACAGCTGCGCCAGCGCCT 25

RESULT 225
US-09-866-108-12696
Sequence 12696, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 12696
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-12696

Query Match 0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1665 CAGCTCTGACGACGATGAGAACAA 1689
DB 1 CAGCTTCAGCAGCAGCTGAGAACAA 25

RESULT 226
US-09-866-108-12697
Sequence 12697, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 12697
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-12697

Query Match 0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1666 AGCTCTGACGACGATGAGAACAA 1690
DB 1 AGCTTCAGCAGCAGCTGAGAACAA 25

RESULT 227
US-09-866-108-12698
Sequence 12698, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.

US-10-098-263B-57558

Query Match 0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2690 CCAAGGACGAGTGTCTCAGG 2714

DB 25 CCAAGGACGAGTGTCTCAGG 1

RESULT 231

US-10-098-263B-80911/c
; Sequence 80911, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:

; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 80911
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-80911

Query Match 0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4462 TGATGTGCCAAGTCTGTCTAAGT 4486

DB 25 TGATGTGCCAAGTCTGTCTAAGT 1

RESULT 232

US-10-098-263B-96365/c
; Sequence 96365, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:

; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 96365
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-96365

Query Match 0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3551 CGAGATGTTGAAGACCCCTGTAT 3575

DB 25 CGAGATGTTGAAGACCCCTGTAT 1

RESULT 233

US-10-098-263B-100653
; Sequence 100653, Application US/10098263B
; Publication No. US20030104410A1

; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 100653
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-100653

Query Match 0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1363 AGGTCCTGAGTCTCCGACCGGCC 1387

DB 1 AGGTCCTGAGTCTCCGACCGGCC 25

RESULT 234

US-10-098-263B-119199/c
; Sequence 119199, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:

; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 119199
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-119199

Query Match 0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3578 GTCCCTGAGTCTCTCTTAAGCT 3602

DB 25 GTCCCTGAGTCTCTCTTAAGCT 1

RESULT 235

US-10-061-201-3143/c
; Sequence 3143, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:

; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3143
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-3143

Query Match      0.3% Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      817 CGCTGAGAGAGAGACACAGCGCA 841
Db      25 CTTGTGAGAGAGAGACACAGCGCA 1

RESULT 236
US-10-061-201-3144/C
; Sequence 3144, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3144
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-3144

Query Match      0.3% Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```

RESULT 237
US-10-723-361-12594
; Sequence 12594, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 12594
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-12594

Query Match      0.3% Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      1221 TTGACCGAGCAGCTCTCCCGGCGC 1245
Db      1 TTTGACCTGCGAGCTGGCGCCAGCC 25

RESULT 238
US-10-723-361-12595
; Sequence 12595, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
```

```

; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 12595
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-12595
```

```

Query Match          0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```

Qy      1222 TTGACGACGAGCTCTCCCGGGCCT 1246
Db      1 TTGACCTGACGCTGCCCCAGGCCT 25
```

```

RESULT 239
US-10-723-361-12696
; Sequence 12696, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
```

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; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 12696
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-12696
```

```

Query Match          0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```

Qy      1665 CAGCTCCTGACGAGTGAAGACA 1699
Db      1 CAGCTTACGACGACGCTGAAGCAA 25
```

```

RESULT 240
US-10-723-361-12697
; Sequence 12697, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 12697
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-12697
```

US-10-723-361-12697

```

Query Match          0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```

Qy      1666 AGCTCCTGACGAGTGAAGACA 1690
Db      1 AGCTTACGACGACGCTGAAGCAA 25
```

RESULT 241


```
US-10-723-361-12698
; Sequence 12698, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 12698
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-12698

Query Match          0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      1667 GCTCTGAGCAGATGAAGAAAG 1691
DB      1 GCTTCAGACGAGCTGAAGCAAAAG 25

RESULT 242
; Sequence 68, Application US/09733294A
; Patent No. US2002004588A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaele
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Mancewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT APPLICATION NUMBER: US/09/733,294A
; PRIOR FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
;; FEATURE:
;; OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-68

Query Match          0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      830 GGACACAGCGGACGACCTG 849
DB      20 GTACACAGCGGACGACCTG 1

RESULT 243
US-10-277-216-227
; Sequence 227, Application US/10277216
; Publication No. US20040002470A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; FILE REFERENCE: 2976-4051
; CURRENT APPLICATION NUMBER: US/10/277,216
; PRIOR FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 227
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-277-216-227

Query Match          0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2374 CAGACAGAGGAGCAGCAGAG 2393
DB      1 CTGAGTGAGGAGCAGCAGAG 20

RESULT 244
US-10-277-216-228
; Sequence 228, Application US/10277216
; Publication No. US20040002470A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; FILE REFERENCE: 2976-4051
; CURRENT APPLICATION NUMBER: US/10/277,216
; PRIOR FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 228
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-277-216-228

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2374 CAGAGAGGAGGAGCAGAG 2393
DB 1 CTGAGTGGAGGAGCAGAG 20

RESULT 245

US-10-126-022-227
Sequence 227, Application US/10126022
Publication No. US20040023215A1
GENERAL INFORMATION:
APPLICANT: KEITH, TIM
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
FILE REFERENCE: 2976-4039US2
CURRENT APPLICATION NUMBER: US/10/126,022
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: 09/834,597
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 09/548,797
PRIOR FILING DATE: 2000-04-13
NUMBER OF SEQ ID NOS: 420
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 227
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-126-022-227

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2374 CAGAGAGGAGGAGCAGAG 2393
DB 1 CTGAGTGGAGGAGCAGAG 20

RESULT 246

US-10-126-022-228
Sequence 228, Application US/10126022
Publication No. US20040023215A1
GENERAL INFORMATION:
APPLICANT: KEITH, TIM
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
FILE REFERENCE: 2976-4039US2
CURRENT APPLICATION NUMBER: US/10/126,022
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: 09/834,597
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 09/548,797
PRIOR FILING DATE: 2000-04-13
NUMBER OF SEQ ID NOS: 420
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 228
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-126-022-228

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.4e+02;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2374 CAGAGAGGAGGAGCAGAG 2393
DB 1 CTGAGTGGAGGAGCAGAG 20

RESULT 247

US-10-032-924-72
Sequence 72, Application US/10032924
Publication No. US20030022190A1
GENERAL INFORMATION:
APPLICANT: Shipman, Robert
Leushner, James
Dunn, James M.
TITLE OF INVENTION: METHOD AND REAGENTS FOR TESTING FOR
MUTATIONS IN THE BRCA1 GENE
NUMBER OF SEQUENCES: 77
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppedahl & Larson
STREET: 1992 Commerce Street Suite 309
CITY: Yorktown
STATE: NY
COUNTRY: US
ZIP: 10598
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS DOS
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/032,924
FILING DATE: 26-Dec-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/649,950
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Larson, Marina T.
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN-P-028-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: yes
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: human
FEATURE:
OTHER INFORMATION: amplification primer for BRCA1 gene
SEQUENCE DESCRIPTION: SEQ ID NO: 72:
US-10-032-924-72

Query Match 0.3%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 3.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 ATGTGCCAAGTGTGCTA 4483
DB 2 ATGTGCCAAGACTGTGCTA 21

RESULT 248
US-10-349-143-10216

```
; Sequence 10216, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumentfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Ballelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10216
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-10567 for SEQ 2351, in complem
US-10-349-143-10216

Query Match          0.3%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 3.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4642 GGCCTTAAGCAGCTGAAGAG 4661
DB      1   GGCATTAAAGAGAGTTGAAGAG 20

RESULT 249
US-10-786-720-19516
; Sequence 19516, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19516
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-19516

Query Match          0.3%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 3.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      175 ACGCTGGACCACTTGCCAG 194
DB      2   ACGCTGTGACCACTTGCCAG 21

RESULT 250
US-10-786-720-19518/c
; Sequence 19518, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Wyeeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19518
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-19518

Query Match          0.3%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 3.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      175 ACGCTGGACCACTTGCCAG 194
DB      20 ACGCTGTGACCACTTGCCAG 1

RESULT 251
US-09-951-401-43
; Sequence 43, Application US/09951401
; Patent No. US20020115104A1
; GENERAL INFORMATION:
; APPLICANT: Bartel, Paul L.
; APPLICANT: Tavtigian, Sean V.
; TITLE OF INVENTION: MMS2- An MMS1 Interacting Protein
; FILE REFERENCE: MMS2
; CURRENT APPLICATION NUMBER: US/09/951,401
; CURRENT FILING DATE: 2001-09-14
; PRIOR APPLICATION NUMBER: US 09/306,998
; PRIOR FILING DATE: 1999-05-07
; PRIOR APPLICATION NUMBER: US 60/084,740
; PRIOR FILING DATE: 1998-05-08
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-951-401-43

Query Match          0.3%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2890 CTGAGTACTGCTAGACCAAG 2909
DB      1   CTGAGTACTGCTTGAACAG 20

RESULT 252
US-09-922-101-43
; Sequence 43, Application US/09922101
; Patent No. US20020146711A1
; GENERAL INFORMATION:
; APPLICANT: Bartel, Paul L.
; APPLICANT: Tavtigian, Sean V.
; TITLE OF INVENTION: MMS2- An MMS1 Interacting Protein
; FILE REFERENCE: MMS2
; CURRENT APPLICATION NUMBER: US/09/922,101
; CURRENT FILING DATE: 2001-08-06
; PRIOR APPLICATION NUMBER: 09/306,998
; PRIOR FILING DATE: 1999-05-07
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 43
```

LENGTH: 22
TYPE: DNA
ORGANISM: Homo sapiens
US-09-922-101-43

Query Match 0.3%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2890 CTGAGTACTGCTGACACG 2309
DB 1 CTGAGTACTGCTGACACG 20

RESULT 253
US-09-951-402-43
Sequence 43, Application US/09951402
Patent No. US20020168752A1
GENERAL INFORMATION:
APPLICANT: Bartel, Paul L.
TITLE OF INVENTION: MMSC2- An MMAC1 Interacting Protein
FILE REFERENCE: MMSC2
CURRENT APPLICATION NUMBER: US/09/951,402
CURRENT FILING DATE: 2001-09-14
PRIOR APPLICATION NUMBER: US 09/306,998
PRIOR FILING DATE: 1999-05-07
PRIOR APPLICATION NUMBER: US 60/084,740
PRIOR FILING DATE: 1998-05-08
NUMBER OF SEQ ID NOS: 72
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 43
LENGTH: 22
TYPE: DNA
ORGANISM: Homo sapiens
US-09-951-402-43

Query Match 0.3%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2890 CTGAGTACTGCTGACACG 2309
DB 1 CTGAGTACTGCTGACACG 20

RESULT 254
US-09-992-665-164/C
Sequence 164, Application US/09992665
Publication No. US2003092009A1
GENERAL INFORMATION:
APPLICANT: Kala Palm
TITLE OF INVENTION: PROFILING TUMOR SPECIFIC MARKERS FOR THE
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF NEOPLASTIC DISEASE
FILE REFERENCE: CEMINS.002A
CURRENT APPLICATION NUMBER: US/09/992,665
CURRENT FILING DATE: 2001-11-13
PRIOR APPLICATION NUMBER: 60/249,508
PRIOR FILING DATE: 2000-11-16
NUMBER OF SEQ ID NOS: 380
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 164
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Probe
US-09-992-665-164

Query Match 0.3%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3488 CAGTGACTGGGAGAGACG 3507
DB 23 CATTGACTGGAGAGAGACG 4

RESULT 255
US-09-866-108-4275
Sequence 4275, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomic Sequence Listing Engine
SEQ ID NO 4275
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-4275

Query Match 0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 769 ACAAGAGGAAACATGGG 788
DB 6 ATTAGAGGAAAGATGGG 25

RESULT 256
US-09-866-108-13093/C
Sequence 13093, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:

```

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: AeoMica Sequence Listing Engine
; SEQ ID NO 13093
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-13093

Query Match      0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3870 CCCATCAAGCCTTCAGATC 3889
Db      25 CCATCAAGCCTTCGAATC 6

RESULT 257
US-09-866-108-13094/C
; Sequence 13094, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108
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; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: AeoMica Sequence Listing Engine
; SEQ ID NO 13094
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-13094

Query Match      0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3870 CCCATCAAGCCTTCAGATC 3889
Db      24 CCATCAAGCCTTCGAATC 5

RESULT 258
US-09-866-108-13095/C
; Sequence 13095, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecmca Sequence Listing Engine
/ SEQ ID NO 13095
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-13095
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Query Match      0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
QY      3870 CCCATCAAGCCTTCCAGATC 3889
DB      23 CCGATCAAGCCTTCCAAATC 4
```

```
RESULT 259
US-09-866-108-13096/c
/ Sequence 13096, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecmca Sequence Listing Engine
/ SEQ ID NO 13096
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-13096
```

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Query Match      0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      3870 CCCATCAAGCCTTCCAGATC 3889
DB      22 CCGATCAAGCCTTCCAAATC 3
```

```
RESULT 260
US-09-866-108-13097/c
/ Sequence 13097, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
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PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 13097
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-13097

Query Match 0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 3870 CCCATCAAGCCTTCAGATC 3889
DB 21 CCGATCAAGCCTTCAGATC 2

RESULT 261
US-09-866-108-13098/c
Sequence 13098, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 13098
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-13098

Query Match 0.3%; Score 16.8; DB 1; Length 25;

Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
OY 3870 CCCATCAAGCCTTCAGATC 3889
DB 20 CCGATCAAGCCTTCAGATC 1

RESULT 262
US-10-098-263B-72140/c
Sequence 72140, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miltman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 72140
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-72140

Query Match 0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 2163 CGAACCACCAACTATATGAA 2182
DB 20 CGAACCACCAACTATATGAA 1

RESULT 263
US-10-098-263B-80930
Sequence 80930, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miltman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 80930
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-80930

Query Match 0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 267 CCCCTCTCTCTCTTCTCTTC 286
DB 4 CTCCTCTCTCTCTTATCTC 23

RESULT 264
US-10-061-201-3151/c
Sequence 3151, Application US/10061201
Publication No. US2003016229A1
GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1

```
FILE REFERENCE: PB0178
CURRENT APPLICATION NUMBER: US/10/061.201
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 3151
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-061-201-3151
```

```
Query Match      0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      814 TGCCTGTGAGAGAGAGAC 833
DB      20 TGCCTGTGAGAGAGAGAC 1
```

```
RESULT 265
US-10-717-597-4886
Sequence 4886, Application US/10717597
Publication No. US20040110221A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Burczynski, Michael E.
APPLICANT: Twine, Natalie C.
APPLICANT: Dornier, Andrew J.
APPLICANT: Trepicchio, William L.
APPLICANT: Slonim, Donna K.
APPLICANT: Stover, Jennifer A.
TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
FILE REFERENCE: AM101080L
CURRENT APPLICATION NUMBER: US/10/717,597
CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US 60/459,782
PRIOR FILING DATE: 2003-04-03
PRIOR APPLICATION NUMBER: US 60/427,982
PRIOR FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 4904
SOFTWARE: PatentIn version 3.2
SEQ ID NO 4886
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-717-597-4886
```

```
Query Match      0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      5089 CAGCTCTGCTTCTTGTTA 5108
```

```
DB      2 CAGCTTGTCTTCTTGTTA 21
```

```
RESULT 266
US-10-723-361-4275
Sequence 4275, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 4275
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-4275
```

```
Query Match      0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      769 ACAAGAGGAAACATGGGG 788
DB      6 ATAAGAGGAAAAAGATGGGG 25
```

```
RESULT 267
US-10-723-361-13093/C
Sequence 13093, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AT
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
```



```
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 13093
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13093
```

```
Query Match      0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      3870 CCATCAAGCCTTCAGATC 3889
Db      25 CCGATCAAGCCTTCAATC 6
```

```
RESULT 268
US-10-723-361-13094/c
; Sequence 13094, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
```

```
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 13094
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13094
```

```
Query Match      0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      3870 CCATCAAGCCTTCAGATC 3889
Db      24 CCGATCAAGCCTTCAATC 5
```

```
RESULT 269
US-10-723-361-13095/c
; Sequence 13095, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 13095
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13095
```

```
Query Match      0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      3870 CCATCAAGCCTTCAGATC 3889
Db      23 CCGATCAAGCCTTCAATC 4
```

```
RESULT 270
US-10-723-361-13096/c
; Sequence 13096, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmics Sequence Listing Engine
; SEQ ID NO 13096
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13096
Query Match          0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4,9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3870 CCCATCAGCCTCCAGATC 3889
DB      22 CCGATCAAGCCTCCAAATC 3

RESULT 271
US-10-723-361-13097/c
; Sequence 13097, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
```

```
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmics Sequence Listing Engine
; SEQ ID NO 13097
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13097
Query Match          0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4,9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3870 CCCATCAGCCTCCAGATC 3889
DB      21 CCGATCAAGCCTCCAAATC 2

RESULT 272
US-10-723-361-13098/c
; Sequence 13098, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
```

NUMBER OF SEQ ID NOS: 1575
SOFTWARE: Acemica Sequence Listing Engine
SEQ ID NO 13098
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-13098

Query Match 0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 3870 CCATCAAGCCTTCAGATC 3889
20 CCATCAAGCCTTCATC 1

RESULT 273
US-10-775-169-3016/c
Sequence 3016, Application US/10775169
Publication No. US20040175743A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Burczynski, Michael
APPLICANT: Twine, Natalie
APPLICANT: Dorner, Andrew
APPLICANT: Trepicchio, William
TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
FILE REFERENCE: AM101080 (031896-013000)
CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILING DATE: 2004-02-11
NUMBER OF SEQ ID NOS: 5278
SOFTWARE: PatentIn version 3.2
SEQ ID NO 3016
LENGTH: 25
TYPE: DNA
ORGANISM: probe
US-10-775-169-3016

Query Match 0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 4704 GCTTCAGTGCACAGCTGC 4723
22 GCTTCAGTGCACAGATGC 3

RESULT 274
US-10-432-565-7
Sequence 7, Application US/10432565
Publication No. US2004007615A1
GENERAL INFORMATION:
APPLICANT: Grabowski et al.
TITLE OF INVENTION: NEW STRAIN OF YEAST FOR CONSUMPTION
FILE REFERENCE: 222803
CURRENT APPLICATION NUMBER: US/10/432,565
CURRENT FILING DATE: 2003-05-22
PRIOR APPLICATION NUMBER: PCT/EP01/11887
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: DE 100 583 79.2-41
PRIOR FILING DATE: 2000-11-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 7
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Description of the artificial sequence: primer for the
OTHER INFORMATION: differentiation of phylogenetic units, such as strains,
OTHER INFORMATION: substrains, species
US-10-432-565-7

Query Match 0.3%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 4.7e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Db 3683 CAGCATGCTGCTCACCAGGCC 3705
1 CAGCATGCTGCTCACCAGGCC 23

RESULT 275
US-09-365-029-4
Sequence 4, Application US/09365029
Patent No. US20010021772A1
GENERAL INFORMATION:
APPLICANT: UHLMANN, Eugen
APPLICANT: PEYMAN, Anuschirwan
APPLICANT: BITONTI, Alan J.
APPLICANT: MOESSNER, Richard D.
TITLE OF INVENTION: SHORT OLIGONUCLEOTIDES FOR THE INHIBITION OF VEGF
FILE REFERENCE: 26083/208
CURRENT APPLICATION NUMBER: US/09/365,029
CURRENT FILING DATE: 1999-08-02
EARLIER APPLICATION NUMBER: EP 98114853.9
EARLIER FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 94
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 4
LENGTH: 24
TYPE: DNA
ORGANISM: Homo sapiens
US-09-365-029-4

Query Match 0.3%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Db 514 TGCTCCCTGCTGGAACATGCG 536
2 TGCTCCAGCTGCACCATGCG 24

RESULT 276
US-09-866-108-13559
Sequence 13559, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: UI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00662
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00661
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 60/234,687
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 60/266,860
;; PRIOR FILING DATE: 2001-02-05
;; NUMBER OF SEQ ID NOS: 15752
;; SOFTWARE: Aecm1ca Sequence Listing Engine
;; SEQ ID NO 13559
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108-13559

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1588 TGGTGAACAGAGAGAGAG 1610
DB 3 TGGAGAGAGCCAGAGAGAGAG 25

RESULT 277
US-09-866-108-13560
;; Sequence 13560, Application US/09866108
;; Patent No. US20020048800A1
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: AECM1CA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108
;; PRIOR FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/226,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00662
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00661
;; PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 60/234,687
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 60/266,860
;; PRIOR FILING DATE: 2001-02-05
;; NUMBER OF SEQ ID NOS: 15752
;; SOFTWARE: Aecm1ca Sequence Listing Engine
;; SEQ ID NO 13560
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108-13560

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1588 TGGTGAACAGAGAGAGAG 1610
DB 2 TGGAGAGAGCCAGAGAGAGAG 24

RESULT 278
US-09-866-108-13561
;; Sequence 13561, Application US/09866108
;; Patent No. US20020048800A1
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: AECM1CA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108
;; PRIOR FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00662
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00661
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 60/234,687
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 60/266,860
;; PRIOR FILING DATE: 2001-02-05
;; NUMBER OF SEQ ID NOS: 15752
;; SOFTWARE: Aecm1ca Sequence Listing Engine
;; SEQ ID NO 13561
;; LENGTH: 25

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-13561

Query Match
Best Local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1588 TTGTGAATAGTGGTGGATCTTGG 1610
Db 1 TTGAGGAAGCCAGAGAGAGAG 23

RESULT 279
US-09-754-853A-776
; Sequence 776, Application US/09754853A
; Publication No. US2003005491A1
; GENERAL INFORMATION:
; APPLICANT: Hauge, Brian M.
; APPLICANT: Parnell, Laurence D.
; APPLICANT: Parsons, Jeremy D.
; APPLICANT: Wang, Ming Li.
; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
; FILE REFERENCE: 38-10(115810)B
; CURRENT APPLICATION NUMBER: US/09/754,853A
; PRIOR APPLICATION NUMBER: US 60/174,880
; PRIOR FILING DATE: 2000-01-07
; NUMBER OF SEQ ID NOS: 1119
; SEQ ID NO 776
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: 318013_region_A3_138841_13_Reverse_Primer_Seq
US-09-754-853A-776

Query Match
Best Local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1568 TCTGAATAGTGGTGGATCTTGG 1590
Db 1 TTGGAATACGTGGAGAGCTTGG 23

RESULT 280
US-10-060-756A-2221/C
; Sequence 2221, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
```

```
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ-ID NO 2221
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-2221

Query Match
Best Local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 466 GGTCCTGGGGGCTGCTGCCGCC 488
Db 25 GGTCCTGGGGGCTGCTGCCGCC 3

RESULT 281
US-10-060-756A-2224/C
; Sequence 2224, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 2224
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-2224

Query Match
Best Local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 465 GGCTCTGGGGGCTGCTGCCGCC 487
Db 23 GGCTCTGGGGGCTGCTGCCGCC 1

RESULT 282
US-10-060-756A-2454/C
; Sequence 2454, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
```

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 2454
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-060-756A-2454

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4041 GGGCACACAGGCGCTCTAGGACG 4063
DB 25 GGGACACAGCGCCCTCTAGGACG 3

RESULT 283
US-10-060-756A-2455/c
Sequence 2455, Application US/10060756A
Publication No. US20030046717A1
GENERAL INFORMATION:
APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 2455
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-060-756A-2455

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4041 GGGCACACAGGCGCTCTAGGACG 4063
DB 24 GGGACACAGCGCCCTCTAGGACG 2

RESULT 284
US-10-060-756A-2456/c
Sequence 2456, Application US/10060756A
Publication No. US20030046717A1
GENERAL INFORMATION:
APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 2456
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-060-756A-2456

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4041 GGGCACACAGGCGCTCTAGGACG 4063
DB 23 GGGACACAGCGCCCTCTAGGACG 1

RESULT 285
US-10-044-692-202
Sequence 202, Application US/10044692
Publication No. US20030096344A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Mottin, Gregg B.
Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND THERAPEUTIC METHODS
NUMBER OF SEQUENCES: 335
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/044,692
FILING DATE: 11-Jan-2002

CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/912,951
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 202:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 202:
US-10-044-539-202

Query Match
Best Local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4044 CCACCAGGCGCTTAGCAGCAGAC 4066
Db 1 CCACCAGCTCTTCAGCAGCAGAC 23

RESULT 286
US-10-044-539-202
Sequence 202, Application US/10044539
Publication No. US20030100093A1
GENERAL INFORMATION:
APPLICANT: Cecch, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND
THERAPEUTIC METHODS
NUMBER OF SEQUENCES: 335
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/044,539
FILING DATE: 11-Jan-2002
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/912,951

FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 202:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 202:
US-10-044-539-202

Query Match
Best Local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4044 CCACCAGGCGCTTAGCAGCAGAC 4066
Db 1 CCACCAGCTCTTCAGCAGCAGAC 23

RESULT 287
US-10-098-263B-16377/c
Sequence 16377, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miltman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 16377
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-16377

Query Match
Best Local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2572 AGCTTATGACGTAACAGGAC 2594
Db 25 AGCTTATGACGTAACAGGAC 3

RESULT 288
US-10-098-263B-28207/c
Sequence 28207, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miltman, Michael
TITLE OF INVENTION: Human Microarray

```
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 28207
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-28207

Query Match
Best local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2848 TTGGTGAGACTCTTCCAAAGCTG 2870
DB 25 TTGGTGAGTCTCTTCAAAAAGTG 3

RESULT 289
US-10-098-263B-28332
; Sequence 28332, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 28332
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-28332

Query Match
Best local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2020 ACATCTGACTGCAACGTAAAG 2042
DB 2 ATATCTGAAGTGACACGTAAAG 24

RESULT 290
US-10-098-263B-34648/c
; Sequence 34648, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 34648
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-34648

Query Match
Best local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2930 GTCTCTGACAGCAGATCTCT 2952
DB 25 GTCTCTGACAGCAGATCTCT 3
```

```
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 789 CTGGTGACCCATCTGCAATACCC 811
DB 25 CTGGGAGCGATCTTGCAGATCCC 3

RESULT 291
US-10-098-263B-47471/c
; Sequence 47471, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 47471
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-47471

Query Match
Best local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 854 GGACACAGAAAGTGTCTGCTC 876
DB 25 GGACACAGCAGATGTAGTACTC 3

RESULT 292
US-10-098-263B-50535/c
; Sequence 50535, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 50535
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-50535

Query Match
Best local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2930 GTCTCTGACAGCAGATCTCT 2952
DB 25 GTCTCTGACAGCAGATCTCT 3

RESULT 293
US-10-098-263B-50536/c
; Sequence 50536, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
```



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; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 50536
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-50536

Query Match
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2930 GTCCTGTGACGACGACGAATCCT 2952
DB 25 GTCCTGACAGACGATGACATACCT 3

RESULT 294
US-10-098-263B-68988
; Sequence 68988, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 68988
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-68988

Query Match
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3189 GAAGTCACTAGCAGCGCCCTCC 3211
DB 1 GAAGTCACTAGTGGCGCTCTCC 23

RESULT 295
US-10-098-263B-79979/c
; Sequence 79979, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 79979
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-79979

Query Match
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

QY 2085 GTGCGTTCATGTTCAATGAGAC 2107
DB 23 GAATGTTTATGTTCAATCAAC 1

RESULT 296
US-10-098-263B-91592/c
; Sequence 91592, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 91592
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-91592

Query Match
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2411 GGAGGAAGAAATCAGCTTGCC 2433
DB 23 GGAAGAGACATCAGCTTGCC 1

RESULT 297
US-10-098-263B-100105/c
; Sequence 100105, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 100105
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-100105

Query Match
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2881 TCTGTGACCTGAGTACTGCTA 2903
DB 24 TCTGACATGAGACTCTTA 2

RESULT 298
US-10-061-201-3140/c
; Sequence 3140, Application US/10061201
; Publication No. US2003016229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
```

CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Aecmica Sequence Listing Engine
SEQ ID NO 3140
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-061-201-3140

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGAGAGGACACAGCGGAC 842
DB 25 TGGAGAGCGAGCACCGGAGAC 3

RESULT 299
US-10-325-810-435
Sequence 435, Application US/10325810
Publication No. US20030204069A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin B.
Andrews, William B.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
NUMBER OF SEQUENCES: 633
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/325,810
FILING DATE: 20-Dec-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/402,181
FILING DATE: 29-Sep-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996

APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Ausehnus, Scott L.
REGISTRATION NUMBER: 42,271
REFERENCE/DOCKET NUMBER: 015389-002620US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 435:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..25
OTHER INFORMATION: /note="TCP1.62 primer"
US-10-325-810-435
SEQUENCE DESCRIPTION: SEQ ID NO: 435:

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4044 CCACGAGGCGCTCTAGCGAGAC 4066
DB 1 CCACGAGCTCTTACGACGAGAC 23

RESULT 300
US-10-717-597-4371
Sequence 4371, Application US/10717597
Publication No. US20040110221A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Burcaymeki, Michael E.
APPLICANT: Twine, Natalie C.
APPLICANT: Dornier, Andrew J.
APPLICANT: Trepicchio, William L.
APPLICANT: Slonim, Donna K.
APPLICANT: Stover, Jennifer A.
TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
FILE REFERENCE: AM101080L
CURRENT APPLICATION NUMBER: US/10/717,597
CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US 60/459,782
PRIOR FILING DATE: 2003-04-03
PRIOR APPLICATION NUMBER: US 60/427,982
PRIOR FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 4904
SOFTWARE: Patent version 3.2
SEQ ID NO 4371
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-717-597-4371

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 813 GTGCCGCTGGAGAGAGAC 835
DB 1 GCGCCCTGGAGATGAGGCCAC 23

RESULT 301
US-10-723-361-13559

; Sequence 13559, Application US/10723361
; Publication No. US20040137589A1

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105

; CURRENT APPLICATION NUMBER: US/10/723,361

; PRIOR FILING DATE: 2003-11-26

; PRIOR APPLICATION NUMBER: US 09/866,108

; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263,6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; SEQ ID NO 13559

; LENGTH: 25

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-723-361-13559

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1588 TGGTGAACAGAGAGAGAG 1610
DB 3 TGGAGAGAGAGAGAGAGAG 25

RESULT 302

US-10-723-361-13560

; Sequence 13560, Application US/10723361

; Publication No. US20040137589A1

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.

; APPLICANT: SHANNON, Mark

; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A

; FILE REFERENCE: PB0105

; CURRENT APPLICATION NUMBER: US/10/723,361

; PRIOR FILING DATE: 2003-11-26

; PRIOR APPLICATION NUMBER: US 09/866,108

; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263,6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; SEQ ID NO 13560

; LENGTH: 25

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-723-361-13560

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1588 TGGTGAACAGAGAGAGAG 1610
DB 2 TGGAGAGAGAGAGAGAGAG 24

RESULT 303

US-10-723-361-13561

; Sequence 13561, Application US/10723361

; Publication No. US20040137589A1

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A

; FILE REFERENCE: PB0105

; CURRENT APPLICATION NUMBER: US/10/723,361

; PRIOR FILING DATE: 2003-11-26

; PRIOR APPLICATION NUMBER: US 09/866,108

; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263,6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

```
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmca Sequence Listing Engine
/ SEQ ID NO 13561
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-13561

Query Match      0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1588 TGCTGGAACAGAGAGAGAGAG 1610
DB      1   TGAAGAGAGCCAGAGAGAGAG 23

RESULT 304
US-10-775-169-1988/c
/ Sequence 1988, Application US/10775169
/ Publication No. US20040175743A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: Burczynski, Michael
/ APPLICANT: Twine, Natalie
/ APPLICANT: Dornier, Andrew
/ APPLICANT: Trepicchio, William
/ TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
/ FILE REFERENCE: AM101080 (031896-013000)
/ CURRENT APPLICATION NUMBER: US/10/775,169
/ CURRENT FILING DATE: 2004-02-11
/ NUMBER OF SEQ ID NOS: 5278
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 1988
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: probe
US-10-775-169-1988

Query Match      0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1345 TCAAGGCTTGCTGCACAGAGGT 1367
DB      25   TCAAGGCTTGCTGCACAGAGGT 3

RESULT 305
US-10-775-169-1989/c
/ Sequence 1989, Application US/10775169
/ Publication No. US20040175743A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: Burczynski, Michael
/ APPLICANT: Twine, Natalie
/ APPLICANT: Dornier, Andrew
/ APPLICANT: Trepicchio, William
/ TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
/ FILE REFERENCE: AM101080 (031896-013000)
/ CURRENT APPLICATION NUMBER: US/10/775,169
/ CURRENT FILING DATE: 2004-02-11
/ NUMBER OF SEQ ID NOS: 5278
/ SOFTWARE: PatentIn version 3.2
```

```
/ SEQ ID NO 1989
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: probe
US-10-775-169-1989

Query Match      0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1345 TCAAGGCTTGCTGCACAGAGGT 1367
DB      24   TCAAGGCTTGCTGCACAGAGGT 2

RESULT 306
US-10-775-169-4475/c
/ Sequence 4475, Application US/10775169
/ Publication No. US20040175743A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: Burczynski, Michael
/ APPLICANT: Twine, Natalie
/ APPLICANT: Dornier, Andrew
/ APPLICANT: Trepicchio, William
/ TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
/ FILE REFERENCE: AM101080 (031896-013000)
/ CURRENT APPLICATION NUMBER: US/10/775,169
/ CURRENT FILING DATE: 2004-02-11
/ NUMBER OF SEQ ID NOS: 5278
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 4475
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: probe
US-10-775-169-4475

Query Match      0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1591 TGGAAACAGAGAGAGAGATC 1613
DB      25   TGGAAATAGAGAGAGAGAAAC 3

RESULT 307
US-10-775-169-4476/c
/ Sequence 4476, Application US/10775169
/ Publication No. US20040175743A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: Burczynski, Michael
/ APPLICANT: Twine, Natalie
/ APPLICANT: Dornier, Andrew
/ APPLICANT: Trepicchio, William
/ TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
/ FILE REFERENCE: AM101080 (031896-013000)
/ CURRENT APPLICATION NUMBER: US/10/775,169
/ CURRENT FILING DATE: 2004-02-11
/ NUMBER OF SEQ ID NOS: 5278
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 4476
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: probe
US-10-775-169-4476

Query Match      0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1591 TGGAAACAGAGAGAGAGATC 1613
```

Db 24 TGAATAGAGAGAGAGAAAAAC 2

RESULT 308

US-09-263-959-515/c

Sequence 515, Application US/09263959

Patent No. US20020150891A1

GENERAL INFORMATION:

APPLICANT: Hood, Leroy E.

APPLICANT: Rowen, Lee

APPLICANT: Koop, Ben F.

TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI

NUMBER OF SEQUENCES: 1279

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed and Berry LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: US

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/263,959

FILING DATE: 05-MAR-1999

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Mcmasters, David D.

REGISTRATION NUMBER: 33,963

REFERENCE/DOCKET NUMBER: 920010.426C2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 515:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-263-959-515

Query Match 0.3%; Score 16.4; DB 1; Length 18;

Best Local Similarity 94.4%; Pred. No. 3.4e+02;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCCTCTCTCTCTCTCTCT 287

Db 18 CTCCTCTCTCTCTCTCTCT 1

RESULT 309

US-09-263-959-535/c

Sequence 535, Application US/09263959

Patent No. US20020150891A1

GENERAL INFORMATION:

APPLICANT: Hood, Leroy E.

APPLICANT: Rowen, Lee

APPLICANT: Koop, Ben F.

TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI

NUMBER OF SEQUENCES: 1279

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed and Berry LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: US

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/263,959

FILING DATE: 05-MAR-1999

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Mcmasters, David D.

REGISTRATION NUMBER: 33,963

REFERENCE/DOCKET NUMBER: 920010.426C2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 535:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-263-959-535

Query Match 0.3%; Score 16.4; DB 1; Length 18;

Best Local Similarity 94.4%; Pred. No. 3.4e+02;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4416 AATATATATATATATATAT 4433

Db 18 AATATATATATATATATAT 1

RESULT 310

US-09-263-959-565/c

Sequence 565, Application US/09263959

Patent No. US20020150891A1

GENERAL INFORMATION:

APPLICANT: Hood, Leroy E.

APPLICANT: Rowen, Lee

APPLICANT: Koop, Ben F.

TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI

NUMBER OF SEQUENCES: 1279

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed and Berry LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: US

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/263,959

FILING DATE: 05-MAR-1999

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Mcmasters, David D.

REGISTRATION NUMBER: 33,963

REFERENCE/DOCKET NUMBER: 920010.426C2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 565:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-263-959-565

Query Match 0.3%; Score 16.4; DB 1; Length 18;

Best Local Similarity 94.4%; Pred. No. 3.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 4416 AATATATATATATATAT 4433

Db 18 AATATATATATATATAT 1

RESULT 311

US-09-263-959-873/c
Sequence 873, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Kood, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
City: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMaister, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 873:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-873

Query Match 0.3%; Score 16.4; DB 1; Length 18;

Best Local Similarity 94.4%; Pred. No. 3.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 271 TCTCTCTCTTCTCTCTC 288

Db 18 TCTCTCTCTCTCTCTC 1

RESULT 312

US-09-232-785-396
Sequence 396, Application US/09232785
Publication No. US20030049612A1
GENERAL INFORMATION:
APPLICANT: International Paper Co.
APPLICANT: Echt, Craig S.
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSTATELITE DNA MARKERS AND USBS
FILE REFERENCE: 4481/1E18US1
CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: 09/232,884
PRIOR FILING DATE: 1999-01-15

NUMBER OF SEQ ID NOS: 397
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 396
LENGTH: 18
TYPE: DNA
ORGANISM: Pinus taeda L.

US-09-232-785-396

Query Match 0.3%; Score 16.4; DB 1; Length 18;

Best Local Similarity 94.4%; Pred. No. 3.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 4416 AATATATATATATATAT 4433

Db 1 AATATATATATATATAT 18

RESULT 313

US-10-011-204-3/c
Sequence 3, Application US/10011204
Publication No. US20020182617A1
GENERAL INFORMATION:
APPLICANT: EKINS, Roger P.
TITLE OF INVENTION: Binding assay using binding agents with tail groups
FILE REFERENCE: 0380-P01180US0
CURRENT APPLICATION NUMBER: US/10/011,204
CURRENT FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US/08/700,530
PRIOR FILING DATE: 1996-10-23
PRIOR APPLICATION NUMBER: PCT/GB95/00521
PRIOR FILING DATE: 1995-03-10
PRIOR APPLICATION NUMBER: GB 9404709.9
PRIOR FILING DATE: 1994-03-11
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 3
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
US-10-011-204-3

Query Match 0.3%; Score 16.4; DB 1; Length 18;

Best Local Similarity 94.4%; Pred. No. 3.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 271 TCTCTCTCTTCTCTCTC 288

Db 18 TCTCTCTCTCTCTCTC 1

RESULT 314

US-10-011-204-4
Sequence 4, Application US/10011204
Publication No. US20020182617A1
GENERAL INFORMATION:
APPLICANT: EKINS, Roger P.
TITLE OF INVENTION: Binding assay using binding agents with tail groups
FILE REFERENCE: 0380-P01180US0
CURRENT APPLICATION NUMBER: US/10/011,204
CURRENT FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US/08/700,530
PRIOR FILING DATE: 1996-10-23
PRIOR APPLICATION NUMBER: PCT/GB95/00521
PRIOR FILING DATE: 1995-03-10
PRIOR APPLICATION NUMBER: GB 9404709.9
PRIOR FILING DATE: 1994-03-11
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 4
LENGTH: 18

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
US-10-011-204-4

Query Match 0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 3.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTCTCTCTCT 287
Db 1 CTCTCTCTCTCTCTCTCT 18

RESULT 315
US-10-077-383-31/c
Sequence 31, Application US/10077383
Publication No. US2003050444A1
GENERAL INFORMATION:
APPLICANT: Haydock, Paul V.
APPLICANT: U'Ren, Jack
TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
FILE REFERENCE: 018048-001710US
CURRENT APPLICATION NUMBER: US/10/077,383
CURRENT FILING DATE: 2002-02-15
PRIOR APPLICATION NUMBER: US 60/296,812
PRIOR FILING DATE: 2001-06-07
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 31
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: (XY)-n spacer
US-10-077-383-31

Query Match 0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 3.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTCTCTCTCT 287
Db 18 CTCTCTCTCTCTCTCTCT 1

RESULT 316
US-10-077-383-32
Sequence 32, Application US/10077383
Publication No. US2003050444A1
GENERAL INFORMATION:
APPLICANT: Haydock, Paul V.
APPLICANT: U'Ren, Jack
TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
FILE REFERENCE: 018048-001710US
CURRENT APPLICATION NUMBER: US/10/077,383
CURRENT FILING DATE: 2002-02-15
PRIOR APPLICATION NUMBER: US 60/296,812
PRIOR FILING DATE: 2001-06-07
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 32
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: (XY)-n spacer
OTHER INFORMATION: sequence complement, where X = a, Y = g and n = 9
US-10-077-383-32

Query Match 0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 3.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTCTCTCTCT 287
Db 1 CTCTCTCTCTCTCTCTCT 18

RESULT 317
US-10-027-632-178630/c
Sequence 178630, Application US/10027632
Publication No. US20020198371A1
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 178630
LENGTH: 19
TYPE: DNA
ORGANISM: Human
US-10-027-632-178630

Query Match 0.3%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 3.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTC 288
Db 18 TCTCTCTCTCTCTCTCTC 1

RESULT 318
US-10-027-632-178630/c
Sequence 178630, Application US/10027632
Publication No. US20030204075A9
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218

```
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FaSeq for Windows Version 4.0
; SEQ ID NO 178630
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-178630
```

```
Query Match          0.3%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 3.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      271 TCTCTCTCTTCTCTCTC 288
Db      18 TCTCTCTCTCTCTCTC 1
```

```
RESULT 319
US-10-027-632-178653/c
; Sequence 178653, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FaSeq for Windows Version 4.0
; SEQ ID NO 178653
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-178653
```

```
Query Match          0.3%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 3.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      271 TCTCTCTCTTCTCTCTC 288
Db      18 TCTCTCTCTCTCTCTC 1
```

```
RESULT 320
US-10-027-632-178653/c
; Sequence 178653, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
```

```
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FaSeq for Windows Version 4.0
; SEQ ID NO 178653
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-178653
```

```
Query Match          0.3%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 3.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      271 TCTCTCTCTTCTCTCTC 288
Db      18 TCTCTCTCTCTCTCTC 1
```

```
RESULT 321
US-10-349-143-10860/c
; Sequence 10860, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10860
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-21502 for SEQ 2995, in complem
US-10-349-143-10860
```

```
Query Match          0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      1786 TTCTCTCCAAGGGCAGG 1803
Db      19 TTCTCTCCAAGGGTCAAG 2
```


RESULT 322
US-09-969-373-3091
Sequence 3091, Application US/09969373
Patent No. US2002013852A1
GENERAL INFORMATION:
APPLICANT: Effertz, Roger J.
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
FILE REFERENCE: 38-10(52679)A
CURRENT APPLICATION NUMBER: US/09/969,373
PRIORITY FILING DATE: 2001-10-02
PRIORITY APPLICATION NUMBER: US 09/754,853
PRIORITY FILING DATE: 2001-01-05
PRIORITY APPLICATION NUMBER: US 09/760,427
PRIORITY FILING DATE: 2001-01-13
PRIORITY APPLICATION NUMBER: US 09/855,768
PRIORITY FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 3091
LENGTH: 21
TYPE: DNA
ORGANISM: Glycine max
US-09-969-373-3091

Query Match 0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 268 CCCTCTCTCTCTCTCT 285
Db 4 CCTCTCTCTCTCTCT 21

RESULT 323
US-09-849-928-120
Sequence 120, Application US/09849928
Publication No. US20030059769A1
GENERAL INFORMATION:
APPLICANT: PARMA, et al.
TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS
TO LECTINS
NUMBER OF SEQUENCES: 390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Swanson & Bratschun, L.L.C.
STREET: 8400 E. Prentice Avenue, Suite 200
CITY: Englewood
STATE: Colorado
COUNTRY: USA
ZIP: 80111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
COMPUTER: IBM pc compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/849,928
FILING DATE: 04-May-2001
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/952,793
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/479,724
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,256
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,255
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/477,829
FILING DATE: 07-JUNE-1995
ATTORNEY/AGENT INFORMATION:
NAME: Barry J. Swanson

REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER: NEX40C/PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
TELEFAX: (303) 793-3433
INFORMATION FOR SEQ ID NO: 120:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
FEATURE:
OTHER INFORMATION: All C's are 2'-NH2 cytosine
FEATURE:
OTHER INFORMATION: All U's are 2'-NH2 uracil
SEQUENCE DESCRIPTION: SEQ ID NO: 120:
US-09-849-928-120

Query Match 0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 4.4e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Oy 361 AACAGAGTCTGCTGCTTA 380
Db 1 AACAGAGTCTGCTGCTTA 20

RESULT 324
US-10-066-960-120
Sequence 120, Application US/10066960
Publication No. US20030049644A1
GENERAL INFORMATION:
APPLICANT: PARMA, et al.
TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS
TO LECTINS
NUMBER OF SEQUENCES: 390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Swanson & Bratschun, L.L.C.
STREET: 8400 E. Prentice Avenue, Suite 200
CITY: Englewood
STATE: Colorado
COUNTRY: USA
ZIP: 80111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
COMPUTER: IBM pc compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/066,960
FILING DATE: 04-Feb-2002
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/952,793
FILING DATE: 1999-DEC-03
APPLICATION NUMBER: PCT/US96/09455
FILING DATE: 05-JUNE-1995
APPLICATION NUMBER: 08/479,724
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,256
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,255
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/477,829
FILING DATE: 07-JUNE-1995
ATTORNEY/AGENT INFORMATION:
NAME: Barry J. Swanson
REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER: NEX40C/PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
TELEFAX: (303) 793-3433

INFORMATION FOR SEQ ID NO: 120:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
FEATURE:
OTHER INFORMATION: All C's are 2'-NH2 cytosine
SEQUENCE DESCRIPTION: SEQ ID NO: 120:
US-10-066-960-120

Query Match 0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 4.4e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 361 AACAGGAAGTCACTGAGTTA 380
DB 1 AACAGGAAGUAAGUCARUUA 20

RESULT 325
US-10-409-627-120
Sequence 120, Application US/10409627
Publication No. US20040043923A1
GENERAL INFORMATION:
APPLICANT: PARMA, et al.
TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS
TO LECTINS
NUMBER OF SEQUENCES: 390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Swanson & Bratechun, L.L.C.
STREET: 8400 E. Prentice Avenue, Suite 200
CITY: Englewood
STATE: Colorado
COUNTRY: USA
ZIP: 80111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
COMPUTER: IBM pc compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/409,627
FILING DATE: 07-Apr-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/952,793
FILING DATE: 20-NOVEMBER-1997
APPLICATION NUMBER: PCT/US96/09455
FILING DATE: 05-JUNE-1995
APPLICATION NUMBER: 08/479,724
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,256
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,255
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/477,829
FILING DATE: 07-JUNE-1995
ATTORNEY/AGENT INFORMATION:
NAME: Barry J. Swanson
REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER: NEX40C/PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
TELEFAX: (303) 793-3433
INFORMATION FOR SEQ ID NO: 120:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: RNA
FEATURE:
OTHER INFORMATION: All C's are 2'-NH2 cytosine
SEQUENCE DESCRIPTION: SEQ ID NO: 120:
US-10-409-627-120

Query Match 0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 4.4e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 361 AACAGGAAGTCACTGAGTTA 380
DB 1 AACAGGAAGUAAGUCARUUA 20

RESULT 326
US-10-705-300-120
Sequence 120, Application US/10705300
Publication No. US20040072234A1
GENERAL INFORMATION:
APPLICANT: PARMA, et al.
TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS
TO LECTINS
NUMBER OF SEQUENCES: 390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Swanson & Bratechun, L.L.C.
STREET: 8400 E. Prentice Avenue, Suite 200
CITY: Englewood
STATE: Colorado
COUNTRY: USA
ZIP: 80111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
COMPUTER: IBM pc compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/705,300
FILING DATE: 10-NOV-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/952,793
FILING DATE: 20-NOV-1997
APPLICATION NUMBER: PCT/US96/09455
FILING DATE: 05-JUNE-1995
APPLICATION NUMBER: 08/479,724
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,256
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,255
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/477,829
FILING DATE: 07-JUNE-1995
ATTORNEY/AGENT INFORMATION:
NAME: Barry J. Swanson
REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER: NEX40C/PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
TELEFAX: (303) 793-3433
INFORMATION FOR SEQ ID NO: 120:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
FEATURE:
OTHER INFORMATION: All C's are 2'-NH2 cytosine

OTHER INFORMATION: All U's are 2'-NH2 uracil
SEQUENCE DESCRIPTION: SEQ ID NO: 120:
US-10-705-300-120

Query Match 0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 4.4e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 361 AACGAGAGTCAGCTGATTA 380
DB 1 AACGAGAGGAGGAGCAGU 20

RESULT 327
US-10-357-488-23
Sequence 23, Application US/10357488
Publication No. US20030194730A1
GENERAL INFORMATION:
APPLICANT: Centre For DNA Fingerprinting and Diagnostics
TITLE OF INVENTION: No. US20030194730A1el FISSR-PCR primers and markers and a method
TITLE OF INVENTION: primers and markers for identifying genetic constitution and bre
TITLE OF INVENTION: varieties.
FILE REFERENCE: 782-Indian
CURRENT APPLICATION NUMBER: US/10/357,488
CURRENT FILING DATE: 2003-02-04
PRIOR APPLICATION NUMBER: 260/MAS/2002
PRIOR FILING DATE: 2002-04-08
NUMBER OF SEQ ID NOS: 37
SOFTWARE: PatentIn version 3.1
SEQ ID NO 23
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: A novel FISSR-PCR primer for genotyping eukaryotes
US-10-357-488-23

Query Match 0.3%; Score 16.4; DB 1; Length 22;
Best Local Similarity 94.4%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4416 AATATATATATATATAT 4433
DB 5 AATATATATATATATAT 22

RESULT 328
US-10-231-913-216
Sequence 216, Application US/10231913
Publication No. US20040005576A1
GENERAL INFORMATION:
APPLICANT: Guo, Xiaojia S.
APPLICANT: Li, Li
APPLICANT: Paturajan, Meera
APPLICANT: Shimkets, Richard A.
APPLICANT: Casman, Stacie J.
APPLICANT: Malyankar, Uziel M.
APPLICANT: Verneet, Corine A.
APPLICANT: Spytek, Kimberly A.
APPLICANT: Shenoy, Suresh G.
APPLICANT: Alsebrook II, John P.
APPLICANT: Edinger, Schiomi
APPLICANT: Peyman, John A.
APPLICANT: Stone, David J.
APPLICANT: Ellerman, Karen
APPLICANT: Gangolli, Bsha A.
APPLICANT: Boldog, Ference L.
APPLICANT: Colman, Steven D.
APPLICANT: Eisen, Andrew J.
APPLICANT: Liu, Xiaohong
APPLICANT: Padigaru, Muralidhara
APPLICANT: Spaderna, Steven K.

APPLICANT: Zerhusen, Bryan D.
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-216
CURRENT APPLICATION NUMBER: US/10/231,913
CURRENT FILING DATE: 2002-08-30
PRIOR APPLICATION NUMBER: 60/251,660
PRIOR FILING DATE: 2000-12-06
PRIOR APPLICATION NUMBER: 60/255,029
PRIOR FILING DATE: 2000-12-12
PRIOR APPLICATION NUMBER: 60/260,326
PRIOR FILING DATE: 2001-01-08
PRIOR APPLICATION NUMBER: 60/263,800
PRIOR FILING DATE: 2001-01-24
PRIOR APPLICATION NUMBER: 60/269,942
PRIOR FILING DATE: 2001-02-20
PRIOR APPLICATION NUMBER: 60/286,183
PRIOR FILING DATE: 2001-04-24
PRIOR APPLICATION NUMBER: 60/313,627
PRIOR FILING DATE: 2001-08-20
PRIOR APPLICATION NUMBER: 60/318,712
PRIOR FILING DATE: 2001-09-12
NUMBER OF SEQ ID NOS: 292
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 216
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: CHEMICALLY
US-10-231-913-216

Query Match 0.3%; Score 16.4; DB 1; Length 22;
Best Local Similarity 94.4%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2374 CAGAGAGAGGAGGAGAGA 2391
DB 1 CAGAGAGAGGAGGAGAGA 18

RESULT 329
US-10-409-107A-50/c
Sequence 50, Application US/10409107A
Publication No. US20040053288A1
GENERAL INFORMATION:
APPLICANT: YANAI, Yoshiaki
APPLICANT: YAMAMOTO, Shigeto
APPLICANT: YAMAMOTO, Kozo
APPLICANT: IREGAMI, Hakuo
TITLE OF INVENTION: Method for estimating therapeutic efficacy of tumor necrosis
TITLE OF INVENTION: Factor
FILE REFERENCE: YANAI=3
CURRENT APPLICATION NUMBER: US/10/409,107A
CURRENT FILING DATE: 2003-04-19
PRIOR APPLICATION NUMBER: JP 107126/2002
PRIOR FILING DATE: 2002-04-09
NUMBER OF SEQ ID NOS: 100
SOFTWARE: PatentIn version 3.2
SEQ ID NO 50
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Oligonucleotide used as primer for PCR detection of NF- κ Bp50 mRNA
US-10-409-107A-50

Query Match 0.3%; Score 16.4; DB 1; Length 22;
Best Local Similarity 94.4%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 736 TCTTCACCAAGCTGAGCC 753
|||||

Db 18 TCTTACCATGTGTGACC 1

RESULT 330

US-09-410-194-25

Sequence 25, Application US/09410194
Patent No. US20020095030A1

GENERAL INFORMATION:

APPLICANT: Techop, Jung
APPLICANT: Thome, Margot
APPLICANT: Burns, Kimberly
APPLICANT: Imtler, Marlen
APPLICANT: Hanne, Michael
APPLICANT: Schroter, Michael
APPLICANT: Schneider, Pascal
APPLICANT: Bodmer, Jean- Luc
APPLICANT: Steiner, Veronique
APPLICANT: Rimoldi, Donata
APPLICANT: Hofmann, Kay
APPLICANT: French, E. Lars
TITLE OF INVENTION: FLIP GENES AND FLIP PROTEINS
FILE REFERENCE: 11141-002001
CURRENT APPLICATION NUMBER: US/09/410,194
PRIOR FILING DATE: 1999-09-30
PRIOR APPLICATION NUMBER: PCT/EP98/01857
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: GERMANY 197 13 393.2
PRIOR FILING DATE: 1997-04-01
NUMBER OF SEQ ID NOS: 27
SOFTWARE: FaestSeq for Windows Version 4.0
SEQ ID NO 25
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide for PCR
US-09-410-194-25

Query Match

Best Local Similarity 0.3%; Score 16.4; DB 1; Length 24;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3064 AGCTGCAGACCTCTCAGG 3081

Db 3 AGCTGCAGACCTCTCAGG 20

RESULT 331

US-09-866-108-4283

Sequence 4283, Application US/09866108
Patent No. US20020048800A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong
APPLICANT: Ji, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00662

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00661

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 60/266,860

PRIOR FILING DATE: 2001-02-05

NUMBER OF SEQ ID NOS: 15752

SOFTWARE: Aeomica Sequence Listing Engine

SEQ ID NO 4283

LENGTH: 25

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108-4283

Query Match

Best Local Similarity 0.3%; Score 16.4; DB 1; Length 25;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 772 AGACGAAACATGGGCG 789

Db 1 AGACGAAACATGGGCG 18

RESULT 332

US-10-215-112-8004

Sequence 8004, Application US/10215112
Publication No. US20030082596A1

GENERAL INFORMATION:

APPLICANT: Michael Miltmann
TITLE OF INVENTION: Method of Genetic Analysis of Probe:
FILE REFERENCE: Test3
CURRENT APPLICATION NUMBER: US/10/215,112
PRIOR FILING DATE: 2002-08-08
NUMBER OF SEQ ID NOS: 14936
SOFTWARE: FaestSeq for Windows Version 4.0
SEQ ID NO 8004
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
US-10-215-112-8004

Query Match

Best Local Similarity 0.3%; Score 16.4; DB 1; Length 25;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1202 GGAGTCTGTGAGAGTT 1219

Db 8 GGAGTCTGTGAGAGTT 25

RESULT 333

US-10-098-263B-38373

Sequence 38373, Application US/10098263B
Publication No. US20030104410A1

GENERAL INFORMATION:

APPLICANT: Miltman, Michael

```

; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 38373
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-38373
```

```
Query Match      0.3%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      106 CTCTGAGCTCTCCAG 123
Db      2 CTCCGAGCTCTCCAG 19
```

```

RESULT 334
US-10-098-263B-92570/c
; Sequence 92570, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 92570
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-92570
```

```
Query Match      0.3%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      1667 GCTCCTGAGCAGATGAA 1684
Db      18 GCTCCTGAGCAGATGAA 1
```

```

RESULT 335
US-10-098-263B-118575
; Sequence 118575, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 118575
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-118575
```

```
Query Match      0.3%; Score 16.4; DB 1; Length 25;
```

```
Best Local Similarity 94.4%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      1924 TCACCACTGACTTTTA 1941
Db      7 TCACCACTGACTTTTA 24
```

```

RESULT 336
US-10-723-361-4283
; Sequence 4283, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4283
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-4283
```

```
Query Match      0.3%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      772 AGAAGAAACATGGGCG 789
Db      1 AGAAGAAACATGGGCG 18
```

```

RESULT 337
US-10-775-169-2515
; Sequence 2515, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dorne, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
```

```
FILE REFERENCE: AM101080 (031896-013000)
CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILING DATE: 2004-02-11
NUMBER OF SEQ ID NOS: 5278
SOFTWARE: Patentin version 3.2
SEQ ID NO 2515
LENGTH: 25
TYPE: DNA
ORGANISM: probe
US-10-775-169-2515

Query Match      0.3%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3050 CCAGGGGAGATCAAGCT 3067
DB      8 CCAGGTGAGATCAAGCT 25

RESULT 338
US-09-828-034-10
Sequence 10, Application US/09828034
GENERAL INFORMATION:
APPLICANT: Zhong, Weidong
APPLICANT: Hong, Zhi
APPLICANT: Ferrari, Eric
TITLE OF INVENTION: HCV REPLICASE COMPLEXES
FILE REFERENCE: IN01165
CURRENT APPLICATION NUMBER: US/09/828,034
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: U.S. 60/195,852
PRIOR FILING DATE: 2000-04-06
NUMBER OF SEQ ID NOS: 33
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 10
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-10

Query Match      0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3920 GACGCCGCGCGCGCTGCC 3940
DB      1 GCCGCCGCGCGCGCGCGCC 21

RESULT 339
US-09-012-135A-30/c
Sequence 30, Application US/09012135A
Patent No. US20020081578A1
GENERAL INFORMATION:
APPLICANT: Ploewman, Gregory
APPLICANT: Mosie, Kevin
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
TITLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
```

```
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/012,135A
FILING DATE: January 22, 1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/005,268
FILING DATE: January 9, 1998
APPLICATION NUMBER: 08/755,728
FILING DATE: No. US20020081578A1ember 25, 1996
APPLICATION NUMBER: 60/023,943
FILING DATE: August 14, 1996
APPLICATION NUMBER: 60/008,809
FILING DATE: December 18, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 231/282
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-012-135A-30

Query Match      0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1139 GAACTGACCACACTGCTCTG 1159
DB      21 GAAAGTGACCACTTCCCTCTG 1

RESULT 340
US-10-214-796-7
Sequence 7, Application US/10214796
Publication No. US20030124680A1
GENERAL INFORMATION:
APPLICANT: Kosan Biosciences, Inc.
APPLICANT: Reeves, Christopher
APPLICANT: McDaniel, Robert
TITLE OF INVENTION: ALTERATION OF ACYLTRANSFERASE DOMAIN
TITLE OF INVENTION: SUBSTRATE SPECIFICITY
FILE REFERENCE: 30062-20072.00
CURRENT APPLICATION NUMBER: US/10/214,796
CURRENT FILING DATE: 2002-08-07
PRIOR APPLICATION NUMBER: US 60/310,730
PRIOR FILING DATE: 2001-08-07
NUMBER OF SEQ ID NOS: 48
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 7
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Region 2 - in DBS module 4 AT, specific for
OTHER INFORMATION: mechYmalonyl CoA
US-10-214-796-7

Query Match      0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3042 GGCACCTTCAGGGGAGATC 3062
```

Db 1 GGCCACTGCGAGGCGAGATC 21

RESULT 341

US-10-192-381-50/c
Sequence 50, Application US/10192381
Publication No. US20030170807A1
GENERAL INFORMATION:
APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
APPLICANT: WORLEY, Paul
APPLICANT: TU, Jian
APPLICANT: XIAO, Bo
APPLICANT: LEAHY, Daniel
APPLICANT: BENEKEN, Jutta
APPLICANT: LANAHAN, Anthony
TITLE OF INVENTION: NUCLEIC ACID MOLECULE ENCODING HOMER 1b PROTEIN (AS
FILE REFERENCE: JHU1580-4
CURRENT APPLICATION NUMBER: US/10/192,381
PRIOR FILING DATE: 2002-07-09
PRIOR APPLICATION NUMBER: US/09/377,285
PRIOR FILING DATE: 1999-08-18
PRIOR APPLICATION NUMBER: US 60/138,426
PRIOR FILING DATE: 1999-06-10
PRIOR APPLICATION NUMBER: US 60/138,493
PRIOR FILING DATE: 1999-06-10
PRIOR APPLICATION NUMBER: US 60/138,494
PRIOR FILING DATE: 1999-06-10
PRIOR APPLICATION NUMBER: US 60/097,334
PRIOR FILING DATE: 1998-08-18
NUMBER OF SEQ ID NOS: 72
SOFTWARE: PatentIn version 3.0
SEQ ID NO 50
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: oligonucleotide for PCR
US-10-192-381-50

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3053 GGGGAGATCAAGCTGCAGAC 3073

Db 21 GTGGAGATGAGCTGCAGAC 1

RESULT 342
US-10-349-143-4331/c
Sequence 4331, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Ballelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/10/349,143
PRIOR FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: US 09/398,850
PRIOR FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4331
LENGTH: 21

TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: upstream amplification primer 99-14651 for SEQ 397,
US-10-349-143-4331

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2806 GAGAAATGAAGAAGACTG 2826

Db 21 GAGATATGAGAGACTG 1

RESULT 343
US-10-605-498-7
Sequence 7, Application US/10605498
Publication No. US20040127441A1
GENERAL INFORMATION:
APPLICANT: Gleave, Martin
APPLICANT: Rocchi, Palma
APPLICANT: Signaevsky, Maxim
TITLE OF INVENTION: Compositions and Methods for Treatment of Prostate and Other
FILE REFERENCE: UBC.P-031
CURRENT APPLICATION NUMBER: US/10/605,498
PRIOR FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,859
PRIOR FILING DATE: 2002-10-02
PRIOR APPLICATION NUMBER: US 60/463,952
PRIOR FILING DATE: 2003-04-18
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PatentIn version 3.2
SEQ ID NO 7
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-605-498-7

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3354 AAGGACTCCCGCTGGGCCC 3374

Db 1 AAGGGGTCCGAGCTGGGCCC 21

RESULT 344
US-10-786-720-12866
Sequence 12866, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
PRIOR FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 12866
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
US-10-786-720-12866

Query Match 0.3%; Score 16.2; DB 1; Length 21;

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/10/393,602
;; FILING DATE: 19-Mar-2003
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/08/592,126
;; FILING DATE: 26-JAN-1996
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Sholtz, Charles K.
;; REGISTRATION NUMBER: 38,615
;; REFERENCE/DOCKET NUMBER: 4600-0111
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 324-0880
;; TELEFAX: (415) 324-0960
;; INFORMATION FOR SEQ ID NO: 24:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 22 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA
;; HYPOTHEetical: NO
;; ANTI-SENSE: NO
;; ORIGINAL SOURCE:
;; INDIVIDUAL ISOLATE: Primer EGR11-6
;; SEQUENCE DESCRIPTION: SEQ ID NO: 24:
US-10-393-602-24

Query Match 0.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 263 CCCCCCTCTCTCTCTTCT 283
DB 1 CCACCTCTCTCTCTCTCT 21

RESULT 349
US-10-196-199-26/c
; Sequence 26, Application US/10196199
; Publication No. US20030149535A1
; GENERAL INFORMATION:
; APPLICANT: SUDO, Yukio
; TITLE OF INVENTION: Method for Quantifying Nucleic Acid by Cell Counting
; FILE REFERENCE: 2870-0200P
; CURRENT APPLICATION NUMBER: US/10/196,199
; CURRENT FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: JP 2001-216568
; PRIOR FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer EF2L directed to a mixture of human liver and small
; OTHER INFORMATION: intestine derived cell lines
US-10-196-199-26

Query Match 0.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1300 AGCTACGCACTGACAAGCC 1320
DB 23 AACTGCTCAACTGACAAGCC 3

RESULT 350
US-10-364-649-50/c
; Sequence 50, Application US/10364649

;; Publication No. US2003022921A1
;; GENERAL INFORMATION:
;; APPLICANT: Richard A. Jefferson and Jorge E. Mayer
;; TITLE OF INVENTION: MICROBIAL B-GLUCURONIDASE GENES, GENE
;; TITLE OF INVENTION: PRODUCTS, AND USES THEREOF
;; FILE REFERENCE: 190106.405C1
;; CURRENT APPLICATION NUMBER: US/10/364,649
;; PRIOR FILING DATE: 2003-02-12
;; PRIOR APPLICATION NUMBER: 10/364,649
;; PRIOR FILING DATE: 2003-02-12
;; PRIOR APPLICATION NUMBER: US 09/270,957
;; PRIOR FILING DATE: 1999-03-17
;; NUMBER OF SEQ ID NOS: 112
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 50
;; LENGTH: 23
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: PCR primer
US-10-364-649-50

Query Match 0.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5146 CTTTTCACACTGACAGATT 5166
DB 21 CTTTTCACACTGACAGATT 1

RESULT 351
US-10-299-486-6
; Sequence 6, Application US/10299486
; Publication No. US20040096987A1
; GENERAL INFORMATION:
; APPLICANT: GEACINTOV, CYRIL E.
; APPLICANT: JANETZKO, ALFRED
; APPLICANT: STREMMEL, WOLFGANG
; APPLICANT: KULAKSIZ, HASAN
; TITLE OF INVENTION: DIAGNOSTIC METHOD FOR DISEASES BY SCREENING FOR HEPICIDIN
; TITLE OF INVENTION: IN HUMAN OR ANIMAL TISSUES, BLOOD OR BODY FLUIDS AND
; TITLE OF INVENTION: THERAPEUTIC USES THEREFOR
; FILE REFERENCE: DRG 3.8-001
; CURRENT APPLICATION NUMBER: US/10/299,486
; CURRENT FILING DATE: 2003-02-11
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-299-486-6

Query Match 0.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2811 AATGAAGAAGAGTGAAGGG 2831
DB 3 AATGAAGAAGAGGAGGGG 23

RESULT 352
US-10-327-598-827
; Sequence 827, Application US/10327598
; Publication No. US20040181039A1
; GENERAL INFORMATION:
; APPLICANT: Krah, Eugene
; APPLICANT: Guo, Hongliang
; APPLICANT: Aliyappa, Ashok

APPLICANT: Lawton, Robert
TITLE OF INVENTION: Canine Immunoglobulin Variable Domains, Caninized Antibodies, and
FILE REFERENCE: 01-799-A
CURRENT FILING DATE: 2002-12-20
PRIOR FILING DATE: 2001-12-21
NUMBER OF SEQ ID NOS: 1139
SOFTWARE: PatentIn version 3.0
SEQ ID NO 827
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: :
US-09-327-598-827

Query Match 0.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4142 TCTCCGGGACCTCTCTCG 4162
DB 2 TCTCGCTGACACCTGCTG 22

RESULT 353
US-09-883-152-67
Sequence 67, Application US/09883152
Publication No. US20030008284A1
GENERAL INFORMATION:
APPLICANT: Kennedy, Giulia
APPLICANT: Reinhard, Christoph
APPLICANT: Jefferson, Anne Bennett
TITLE OF INVENTION: POLYNUCLEOTIDES RELATED TO COLON CANCER
FILE REFERENCE: 2300-1663
CURRENT APPLICATION NUMBER: US/09/883,152
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/211,835
PRIOR FILING DATE: 2000-06-15
NUMBER OF SEQ ID NOS: 127
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 67
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Reverse control oligonucleotide
US-09-883-152-67

Query Match 0.3%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 5.8e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2366 GCTGCTCAGAGAGAGGGA 2386
DB 3 GCCGCTCAGAGAGTGAAGA 23

RESULT 354
US-09-439-429-15
Sequence 15, Application US/09439429
Publication No. US20030083275A1
GENERAL INFORMATION:
APPLICANT: Power, Christopher
APPLICANT: Mayne, Michael B.
TITLE OF INVENTION: ANTISENSE OLIGODEOXYNUCLEOTIDES REGULATING EXPRESSION
FILE REFERENCE: 3045.00002
CURRENT APPLICATION NUMBER: US/09/439,429
CURRENT FILING DATE: 1999-11-15

PRIOR APPLICATION NUMBER: 60/062,718
PRIOR FILING DATE: 1997-10-22
PRIOR APPLICATION NUMBER: 09/176,862
PRIOR FILING DATE: 1998-10-22
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 15
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:synthetic
US-09-439-429-15

Query Match 0.3%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 5.8e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1601 GAAGGAGAGATCTGCGGA 1621
DB 2 GAAGGAGAGAGCTGAGGA 22

RESULT 355
US-09-263-959-581/c
Sequence 581, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:

APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSER: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMaisters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 581:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-581

Query Match 0.3%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 274 CTCTCTTCTCTCTCT 289
DB 16 CTCTCTTCTCTCTCT 1

RESULT 356
US-09-918-186A-38/c
; Sequence 38, Application US/09918186A
; Patent No. US20020137708A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0585
; CURRENT APPLICATION NUMBER: US/09/918,186A
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 09/496,694
; PRIOR FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 38
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-918-186A-38

Query Match 0.3%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCTT 296
DB 17 TCTCTCTCTCTCTT 2

RESULT 357
US-09-918-186A-78/c
; Sequence 78, Application US/09918186A
; Patent No. US20020137708A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0585
; CURRENT APPLICATION NUMBER: US/09/918,186A
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 09/496,694
; PRIOR FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 78
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-918-186A-78

Query Match 0.3%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCTT 296
DB 17 TCTCTCTCTCTCTT 2

RESULT 358
US-09-918-186A-129/c
; Sequence 129, Application US/09918186A
; Patent No. US20020137708A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0585
; CURRENT APPLICATION NUMBER: US/09/918,186A
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 09/496,694
; PRIOR FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 129
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-918-186A-129

Query Match 0.3%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCTT 296
DB 18 TCTCTCTCTCTCTT 3

RESULT 359
US-10-181-316-38/c
; Sequence 38, Application US/10181316
; Publication No. US20030211607A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0650
; CURRENT APPLICATION NUMBER: US/10/181,316
; CURRENT FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: PCT/US01/02939
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 09/496,694
; PRIOR FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 249
; SEQ ID NO 38
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-316-38

Query Match 0.3%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCTT 296

Db 17 TCTCTCTCTCTCTT 2

RESULT 360
US-10-181-316-78/c
Sequence 78, Application US/10181316
Publication No. US20030211607A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric E. Swayze
APPLICANT: Lex M. Cowseart
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0650
CURRENT APPLICATION NUMBER: US/10/181,316
CURRENT FILING DATE: 2002-07-16
PRIOR APPLICATION NUMBER: PCT/US01/02939
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: 09/496,694
PRIOR FILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 249
SEQ ID NO 78
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-316-78

Query Match 0.3%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCTT 296
Db 17 TCTCTCTCTCTCTT 2

RESULT 361
US-10-181-316-129/c
Sequence 129, Application US/10181316
Publication No. US20030211607A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric E. Swayze
APPLICANT: Lex M. Cowseart
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0650
CURRENT APPLICATION NUMBER: US/10/181,316
CURRENT FILING DATE: 2002-07-16
PRIOR APPLICATION NUMBER: PCT/US01/02939
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: 09/496,694
PRIOR FILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 249
SEQ ID NO 129
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-316-129

Query Match 0.3%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCTT 296
Db 18 TCTCTCTCTCTCTT 3

RESULT 362
US-09-949-427-203/c
Sequence 203, Application US/09949427
Publication No. US20030054418A1
GENERAL INFORMATION:
APPLICANT: Bodnar, Jackie S.
APPLICANT: Castellani, Lawrence W.
APPLICANT: Chatterjee, Anubindo
APPLICANT: de Jong, Pieter
APPLICANT: Lusia, Aldons J.
APPLICANT: Ohmen, Jeff
APPLICANT: Ross, David
APPLICANT: Tafuri, Sherrie
APPLICANT: Wu, Chenyan
TITLE OF INVENTION: Gene and Sequence Variation Associated with Cancer
FILE REFERENCE: 02810.0014.NPUS02
CURRENT APPLICATION NUMBER: US/09/949,427
CURRENT FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: 60/231,322
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 405
SOFTWARE: PatentIn version 3.1
SEQ ID NO 203
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Primer
US-09-949-427-203

Query Match 0.3%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5190 GTGTGTGTGATGCAG 5205
Db 19 GTGTGTGTGATGCAG 4

RESULT 363
US-09-949-428-203/c
Sequence 203, Application US/09949428
Publication No. US20030064372A1
GENERAL INFORMATION:
APPLICANT: Bodnar, Jackie S.
APPLICANT: Castellani, Lawrence W.
APPLICANT: Chatterjee, Anubindo
APPLICANT: de Jong, Pieter
APPLICANT: Lusia, Aldons J.
APPLICANT: Ohmen, Jeff
APPLICANT: Ross, David
APPLICANT: Tafuri, Sherrie
APPLICANT: Wu, Chenyan
TITLE OF INVENTION: Gene and Sequence Variation Associated with Lipid Disorder
FILE REFERENCE: 02810.0014.NPUS01
CURRENT APPLICATION NUMBER: US/09/949,428
CURRENT FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: 60/231,322
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 405
SOFTWARE: PatentIn version 3.1
SEQ ID NO 203
LENGTH: 20
TYPE: DNA

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-949-428-203

Query Match          0.3%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5190 GTGTGTGTGAATGCAG 5205
DB 19 GTGTGTGTGAATGCAG 4

RESULT 364
US-10-181-874-15
; Sequence 15, Application US/10181874
; Publication No. US20030212020A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Susan Murray
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
; FILE REFERENCE: RSP-0351
; CURRENT APPLICATION NUMBER: US/10/181,874
; PRIOR FILING DATE: 2002-07-22
; PRIOR APPLICATION NUMBER: 09/489,869
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-874-15

Query Match          0.3%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3922 CGCCGCGCGCGCGCT 3937
DB 5 CGCCGCGCGCGCGCT 20

RESULT 365
US-10-435-696-132
; Sequence 132, Application US/10435696
; Publication No. US20040018525A1
; GENERAL INFORMATION:
; APPLICANT: Wirtz, Ralph
; APPLICANT: Muneez, Marj
; APPLICANT: Kallabis, Harald
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
; TITLE OF INVENTION: PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA
; FILE REFERENCE: Lea 36 108
; CURRENT APPLICATION NUMBER: US/10/435,696
; PRIOR FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: EP03003112.4
; PRIOR FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: EP02010291.9
; PRIOR FILING DATE: 2002-05-21
; NUMBER OF SEQ ID NOS: 314
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 132
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-435-696-132
```

```

Query Match          0.3%; Score 16; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4113 CAGAGAACGCGCTGA 4128
DB 3 CAGAGAACGCGCTGA 18

RESULT 366
US-09-940-185-578
; Sequence 578, Application US/09940185
; Publication No. US20030096239A1
; GENERAL INFORMATION:
; APPLICANT: Gunderson, Kevin
; APPLICANT: Chee, Mark
; TITLE OF INVENTION: Probes and Decoder Oligonucleotides
; FILE REFERENCE: A-69605-1
; CURRENT APPLICATION NUMBER: US/09/940,185
; PRIOR FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: US 60/227,948
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: US 60/228,854
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 4768
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 578
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Computer Generated Probe Sequence.
US-09-940-185-578

Query Match          0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.3e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1464 GACGTTGAGTCTCGGAACCTGATC 1487
DB 1 GACGTTGAGTCTCGGAACCTGTC 24

RESULT 367
US-10-411-954-284
; Sequence 284, Application US/10411954
; Publication No. US20030235848A1
; GENERAL INFORMATION:
; APPLICANT: Neville, Matt
; APPLICANT: de Arruda Indig, Monika
; TITLE OF INVENTION: Characterization of CYP2D6 Alleles
; FILE REFERENCE: FORS-07897
; CURRENT APPLICATION NUMBER: US/10/411,954
; PRIOR FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: 60/371,819
; PRIOR FILING DATE: 2002-04-11
; NUMBER OF SEQ ID NOS: 356
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 284
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-411-954-284

Query Match          0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.3e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 987 CTCGCGAGACATGTTCCAGCA 1010
DB 1 CTCGCGAGACATGTTCCAGCA 1010
```

Db 1 CGCGCCGAGGCACTGCTCCAGCGA 24

RESULT 368

US-10-087-684-128/c

/ Sequence 128, Application US/10087684

/ Publication No. US20040029116A1

/ GENERAL INFORMATION:

/ APPLICANT: Edinger, Shlomit R.

/ APPLICANT: MacDougall, John R.

/ APPLICANT: Miller, Isabelle

/ APPLICANT: Elletman, Karen

/ APPLICANT: Stone, David J.

/ APPLICANT: Grose, William M.

/ APPLICANT: Lepley, Denise M.

/ APPLICANT: Rieger, Daniel K.

/ APPLICANT: Burgess, Catherine E.

/ APPLICANT: Casman, Stacie, J.

/ APPLICANT: Spytek, Kimberly A.

/ APPLICANT: Boldog, Ferenc L.

/ APPLICANT: Li, Li

/ APPLICANT: Padigaru, Muralidhara

/ APPLICANT: Mishra, Vishnu

/ APPLICANT: Shenoy, Suresh G.

/ APPLICANT: Rastelli, Luca

/ APPLICANT: Tchernev, Velizar T.

/ APPLICANT: Vernet, Corine A.M.

/ APPLICANT: Zerhusen, Bryan D.

/ APPLICANT: Malyankar, Uriel M.

/ APPLICANT: Guo, Xiaojia

/ APPLICANT: Miller, Charles E.

/ APPLICANT: Gangoli, Esha A.

/ TITLE OF INVENTION: PROTEINS AND NUCLEIC ACIDS ENCODING SAME

/ FILE REFERENCE: 21402-214 CIP

/ CURRENT APPLICATION NUMBER: US/10/087,684

/ CURRENT FILING DATE: 2003-03-10

/ PRIOR APPLICATION NUMBER: 60/253,834

/ PRIOR FILING DATE: 2000-11-29

/ PRIOR APPLICATION NUMBER: 60/250,926

/ PRIOR FILING DATE: 2000-11-30

/ PRIOR APPLICATION NUMBER: 60/264,180

/ PRIOR FILING DATE: 2001-01-25

/ PRIOR APPLICATION NUMBER: 60/274,194

/ PRIOR FILING DATE: 2001-03-08

/ PRIOR APPLICATION NUMBER: 60/313,656

/ PRIOR FILING DATE: 2001-08-20

/ PRIOR APPLICATION NUMBER: 60/327,456

/ PRIOR FILING DATE: 2001-10-05

/ NUMBER OF SEQ ID NOS: 220

/ SOFTWARE: CuraSeqList version 0.1

/ SEQ ID NO 128

/ LENGTH: 24

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ FEATURE:

/ OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe

US-10-087-684-128

Query Match 0.3%; Score 16; DB 1; Length 24;

Best Local Similarity 79.2%; Pred. No. 6.3e+02;

Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1584 ATCTGTGGAACAGAGAGAG 1607

Db 24 ATGAAGGGGAAACAGAGCAGAG 1

RESULT 369

US-10-218-779-128/c

/ Sequence 128, Application US/10218779

/ Publication No. US20040029222A1

/ GENERAL INFORMATION:

/ APPLICANT: Edinger, Shlomit

/ APPLICANT: MacDougall, John

/ APPLICANT: Miller, Isabelle

/ APPLICANT: Elletman, Karen

/ APPLICANT: Stone, David

/ APPLICANT: Gerlach, Valerie

/ APPLICANT: Grose, William

/ APPLICANT: Alsobrook II, John

/ APPLICANT: Lepley, Denise

/ APPLICANT: Rieger, Daniel

/ APPLICANT: Burgess, Catherine

/ APPLICANT: Casman, Stacie

/ APPLICANT: Spytek, Kimberly

/ APPLICANT: Boldog, Ferenc

/ APPLICANT: Li, Li

/ APPLICANT: Padigaru, Muralidhara

/ APPLICANT: Mishra, Vishnu

/ APPLICANT: Paturajan, Meera

/ APPLICANT: Shenoy, Suresh

/ APPLICANT: Rastelli, Luca

/ APPLICANT: Tchernev, Velizar

/ APPLICANT: Vernet, Corine

/ APPLICANT: Zerhusen, Bryan

/ APPLICANT: Malyankar, Uriel

/ APPLICANT: Guo, Xiaojia

/ APPLICANT: Miller, Charles

/ APPLICANT: Gangoli, Esha

/ TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same

/ FILE REFERENCE: 21402-214

/ CURRENT APPLICATION NUMBER: US/10/218,779

/ CURRENT FILING DATE: 2002-08-14

/ PRIOR APPLICATION NUMBER: 60/253,834

/ PRIOR FILING DATE: 2000-11-29

/ PRIOR APPLICATION NUMBER: 60/250,926

/ PRIOR FILING DATE: 2000-11-30

/ PRIOR APPLICATION NUMBER: 60/264,180

/ PRIOR FILING DATE: 2001-01-25

/ PRIOR APPLICATION NUMBER: 60/313,656

/ PRIOR FILING DATE: 2001-08-20

/ PRIOR APPLICATION NUMBER: 60/327,456

/ PRIOR FILING DATE: 2001-10-05

/ NUMBER OF SEQ ID NOS: 216

/ SOFTWARE: PatentIn Ver. 2.1

/ SEQ ID NO 128

/ LENGTH: 24

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ FEATURE:

/ OTHER INFORMATION: Description of Artificial Sequence: chemically

US-10-218-779-128

Query Match 0.3%; Score 16; DB 1; Length 24;

Best Local Similarity 79.2%; Pred. No. 6.3e+02;

Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1584 ATCTGTGGAACAGAGAGAG 1607

Db 24 ATGAAGGGGAAACAGAGCAGAG 1

RESULT 370

US-10-617-070-284

/ Sequence 284, Application US/10617070

/ Publication No. US20040096874A1

/ GENERAL INFORMATION:

/ APPLICANT: Neville, Matt

/ APPLICANT: de Arruda Indig, Monika

/ APPLICANT: Cao, Feng

/ APPLICANT: Oldenburg, Mary C.

/ APPLICANT: Koelbl, Jim C.

/ APPLICANT: Aizenstein, Brian D.

/ APPLICANT: Davey, Kelch

/ TITLE OF INVENTION: Characterization of CYP2D6 Genotypes

```
; TYPE: DNA
; ORGANISM: Homo sapiens
```

PRIOR FILING DATE: 2001-07-25

PRIOR FILING DATE: 2001-07-25

/ PRIOR FILING DATE: 2001-06-06
/ NUMBER OF SEQ ID NOS: 1213
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 448
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: sRNA antisense region
US-10-251-117-448

Query Match 0.3%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3313 CTGACCGACGCCCCACAGC 3331
DB 19 CTGACCTGACGCCCCCAGC 1

RESULT 375
US-10-357-488-27/C
/ Sequence 27, Application US/10357488
/ Publication No. US20030194730A1
/ GENERAL INFORMATION:
/ APPLICANT: Centre For DNA Fingerprinting and Diagnostics
/ TITLE OF INVENTION: No. US20030194730A1 FISSR-PCR primers and markers and a method
/ TITLE OF INVENTION: primers and markers for identifying genetic constitution and bnd
/ FILE OF INVENTION: variants.
/ FILE REFERENCE: 782-Indian
/ CURRENT APPLICATION NUMBER: US/10/357,488
/ PRIOR FILING DATE: 2003-02-04
/ PRIOR APPLICATION NUMBER: 260/MAS/2002
/ PRIOR FILING DATE: 2002-04-08
/ NUMBER OF SEQ ID NOS: 37
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 27
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: A novel FISSR-PCR primer for genotyping eukaryotes
US-10-357-488-27

Query Match 0.3%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 268 CCCTCTCTCTCTCTCTC 286
DB 19 CCGTCTCTCTCTCTCTC 1

RESULT 376
US-10-349-143-5847
/ Sequence 5847, Application US/10349143
/ Publication No. US20040005584A1
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marra
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020C01
/ CURRENT APPLICATION NUMBER: US/10/349,143
/ PRIOR FILING DATE: 2003-01-21
/ PRIOR APPLICATION NUMBER: US/09/422,978
/ PRIOR FILING DATE: 1999-10-20
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
/ PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 5847
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..19
/ OTHER INFORMATION: upstream amplification primer 99-7311 for SEQ 1913,
US-10-349-143-5847

Query Match 0.3%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches -2; Indels 0; Gaps 0;

QY 280 TTCTCTCTCTCTCTCTGC 298
DB 1 TTCTCTCTCTCTCTTTTC 19

RESULT 377
US-10-399-872-1/C
/ Sequence 1, Application US/10399872
/ Publication No. US20040072147A1
/ GENERAL INFORMATION:
/ APPLICANT: HARRIS, ROBERT B.
/ APPLICANT: REYNOLDS, THOMAS R.
/ TITLE OF INVENTION: DETECTION AND QUANTITATION OF HUMAN HERPES VIRUSES
/ FILE REFERENCE: 038098-0115
/ CURRENT APPLICATION NUMBER: US/10/399,872
/ PRIOR FILING DATE: 2003-09-08
/ PRIOR APPLICATION NUMBER: PCT/US01/31892
/ PRIOR FILING DATE: 2001-10-12
/ NUMBER OF SEQ ID NOS: 26
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 1
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-399-872-1

Query Match 0.3%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4666 GGTAGCTTGTGAGGTAC 4684
DB 19 GGTAGCTTGTGAGGTGC 1

RESULT 378
US-09-800-631-84
/ Sequence 84, Application US/09800631
/ Patent No. US20020082228A1
/ GENERAL INFORMATION:
/ APPLICANT: Hong Zhang
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP
/ FILE REFERENCE: ISPH-0544
/ CURRENT APPLICATION NUMBER: US/09/800,631
/ PRIOR FILING DATE: 2001-03-07
/ PRIOR APPLICATION NUMBER: US/09/657,346
/ PRIOR FILING DATE: 2000-09-07
/ NUMBER OF SEQ ID NOS: 175
/ SEQ ID NO 84
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-800-631-84

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4686 AGAAGCCTGTTCTCTCCAG 4704
|||||
Db 2 AGAAGCCTGTTCTCTCCAG 20

RESULT 379
US-09-752-639-77
; Sequence 77, Application US/09752639
; Patent No. US20020091243A1
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; APPLICANT: Granger, G.A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FASTSEQ for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,639
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-752-639-77

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 495 AGAGGCCACGCCACCA 513
|||||
Db 1 AGAGGCCACGCCACCA 19

RESULT 380
US-09-984-198-77

; Sequence 77, Application US/09984198
; Patent No. US20020106679A1
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; APPLICANT: Granger, G.A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FASTSEQ for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/984,198
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US99/10793
; FILING DATE:
; APPLICATION NUMBER: 09/081,385
; FILING DATE:
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-984-198-77

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 495 AGAGGCCACGCCACCA 513
|||||
Db 1 AGAGGCCACGCCACCA 19

RESULT 381
US-09-888-326-410/C
; Sequence 410, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weinert, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; TITLE OF INVENTION: Cell Lysis and Treating Cancer
; FILE REFERENCE: C1039/7052 (AMS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22

NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 410
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (0)- (0)
; OTHER INFORMATION: phosphodiester backbone
US-09-888-326-410

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3918 CCGAGCGCGCGCGCGCGC 3936
DB 20 CCGCGCGCGCGCGCGCGC 2

RESULT 382
US-09-909-595-62/c
; Sequence 62, Application US/09909595
; Publication No. US20030083278A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Brenda F. Baker
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Scott E. Davis
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 LIGAND EXPRESSION
; FILE REFERENCE: RTS-0223
; CURRENT APPLICATION NUMBER: US/09/909,595
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-909-595-62

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTTCTCTCTC 288
DB 19 CTCTCTCTCATCTCTCTC 1

RESULT 383
US-09-910-185-53/c
; Sequence 53, Application US/09910185
; Publication No. US20030083279A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-3 EXPRESSION
; FILE REFERENCE: RTS-0258
; CURRENT APPLICATION NUMBER: US/09/910,185
; CURRENT FILING DATE: 2001-07-18
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-910-185-53

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2608 ACCACAGCCCTGCTTTGC 2626
DB 19 ACCACAGCCCTGCTTTGC 1

RESULT 384
US-09-776-479-243/c
; Sequence 243, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fournon, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-243

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3918 CCGAGCGCGCGCGCGCGC 3936
DB 20 CCGCGCGCGCGCGCGCGC 2

RESULT 385
US-09-776-479-243/c
; Sequence 243, Application US/09776479
; Publication No. US20040067902A3
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fournon, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-243

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3918 CCGAGCGCGCGCGCGCGC 3936

Db 20 CCGCGCGCGCGCGCGCGC 2

RESULT 386
US-09-920-394-30/c
; Sequence 30, Application US/09920394
; Publication No. US2003009673A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemondidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-30

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2533 TCCTGTGGAAGTCTTATCC 2551
Db 19 TCCTGTGGAAGTCTTATCC 1

RESULT 387
US-09-965-101-57/c
; Sequence 57, Application US/09965101
; Publication No. US20040186067A1
; GENERAL INFORMATION:
; APPLICANT: Davis, Heather L.
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Schorr, Joachim
; APPLICANT: Mu, Tong
; TITLE OF INVENTION: Vectors and Methods for Immunization or
; FILE REFERENCE: C1039/7057 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/965,101
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: US 09/082,649
; PRIOR FILING DATE: 1998-05-20
; PRIOR APPLICATION NUMBER: US 60/047,233
; PRIOR FILING DATE: 1997-05-20
; PRIOR APPLICATION NUMBER: US 60/047,209
; PRIOR FILING DATE: 1997-05-20
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-965-101-57

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3918 CCGACGCCGCGCGCGCGC 3936
Db 20 CCGCGCGCGCGCGCGCGC 2

RESULT 388
US-10-112-653-235/c

; Sequence 235, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 235
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-235

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3918 CCGACGCCGCGCGCGCGC 3936
Db 20 CCGCGCGCGCGCGCGCGC 2

RESULT 389
US-10-017-995-243/c
; Sequence 243, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Brezler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-243

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3918 CCGACGCCGCGCGCGCGC 3936
Db 20 CCGCGCGCGCGCGCGCGC 2

RESULT 390
US-10-293-783-84
; Sequence 84, Application US/10293783
; Publication No. US20030130222A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP.

```
/ FILE REFERENCE: ISPH-0544
/ CURRENT APPLICATION NUMBER: US/10/293,783
/ CURRENT FILING DATE: 2002-11-13
/ PRIOR APPLICATION NUMBER: US/09/800,631
/ PRIOR FILING DATE: 2001-03-07
/ PRIOR APPLICATION NUMBER: US/09/657,346
/ PRIOR FILING DATE: 2000-09-07
/ NUMBER OF SEQ ID NOS: 175
/ SEQ ID NO 84
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-783-84

Query Match          0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4686 AGAAGCCTGTTCTGTCAG 4704
Db      2 AGAAACCTGTTCTCTCCAG 20

RESULT 391
US-10-314-578-243/c
/ Sequence 243, Application US/10314578
/ Publication No. US20030212026A1
/ GENERAL INFORMATION:
/ APPLICANT: Kries, Arthur M.
/ APPLICANT: Schetter, Christean
/ APPLICANT: Vollmer, Jorg
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids
/ FILE REFERENCE: C1039/7035 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/10/314,578
/ CURRENT FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: US 60/156,113
/ PRIOR FILING DATE: 1999-09-25
/ PRIOR APPLICATION NUMBER: US 60/156,135
/ PRIOR FILING DATE: 1999-09-27
/ PRIOR APPLICATION NUMBER: US 60/227,436
/ PRIOR FILING DATE: 2000-08-23
/ NUMBER OF SEQ ID NOS: 1145
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 243
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-314-578-243

Query Match          0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3918 CCGACGCGCGCGCGCGC 3936
Db      20 CCGCGCGCGCGCGCGCGC 2

RESULT 392
US-10-388-263-732
/ Sequence 732, Application US/10388263
/ Publication No. US20030228597A1
/ GENERAL INFORMATION:
/ APPLICANT: Cowsett, Lex M.
/ APPLICANT: Baker, Brenda F.
/ APPLICANT: McNeil, John
/ APPLICANT: Freiler, Susan M.
/ APPLICANT: Samor, Henri M.
/ APPLICANT: Brookes, Douglas G.
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/ APPLICANT: Ohashi, Cara
/ APPLICANT: Wyatt, Jacqueline R.
/ APPLICANT: Borchers, Alexander
/ APPLICANT: Vickers, Timothy A.
/ TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
/ TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
/ TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
/ FILE REFERENCE: ISIS-4503
/ CURRENT APPLICATION NUMBER: US/10/388,263
/ CURRENT FILING DATE: 2003-03-12
/ NUMBER OF SEQ ID NOS: 947
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 732
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-732

Query Match          0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4686 AGAAGCCTGTTCTGTCAG 4704
Db      2 AGAAACCTGTTCTCTCCAG 20

RESULT 393
US-10-174-319-5
/ Sequence 5, Application US/10174319
/ Publication No. US20030232771A1
/ GENERAL INFORMATION:
/ APPLICANT: Donna T. Ward
/ APPLICANT: Susan M. Freiler
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MARK3 EXPRESSION
/ FILE REFERENCE: PTS-0018
/ CURRENT APPLICATION NUMBER: US/10/174,319
/ CURRENT FILING DATE: 2002-06-17
/ NUMBER OF SEQ ID NOS: 121
/ SEQ ID NO 5
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR Primer
US-10-174-319-5

Query Match          0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      739 TCACCAAGCTGAGACGCT 757
Db      1 TGACCATGCTGAGACGAGCT 19

RESULT 394
US-10-289-762-6014
/ Sequence 6014, Application US/10289762
/ Publication No. US20040006218A1
/ GENERAL INFORMATION:
/ APPLICANT: Grifflair, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/10/289,762
/ CURRENT FILING DATE: 2003-03-27
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 6014
```

LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-10-289-762-6014

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 146 CTTGAGCTGCCACCTGACA 164
DB 1 CTTGAGCTGCCACCTGACA 19

RESULT 395
US-10-435-696-218
Sequence 218, Application US/10435696
Publication No. US20040018525A1
GENERAL INFORMATION:
APPLICANT: Wirtz, Ralph
APPLICANT: Munnes, Marc
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
FILE REFERENCE: Lea 36 108
CURRENT APPLICATION NUMBER: US/10/435,696
PRIOR FILING DATE: 2003-05-09
PRIOR APPLICATION NUMBER: EP03003112.4
PRIOR FILING DATE: 2003-02-13
PRIOR APPLICATION NUMBER: EP02010291.9
PRIOR FILING DATE: 2002-05-21
NUMBER OF SEQ ID NOS: 314
SOFTWARE: PatentIn version 3.1
SEQ ID NO 218
LENGTH: 20
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: LOC51242 for
US-10-435-696-218

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 2794 AGAGTCGAGGAGGAGAAA 2812
DB 1 AGAGTCGAGGAGGAGAAA 19

RESULT 396
US-10-213-796-85/c
Sequence 85, Application US/10213796
Publication No. US20040029272A1
GENERAL INFORMATION:
APPLICANT: Sanjay Bhanot
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF PERILIPIN EXPRESSION
FILE REFERENCE: RTS-0355
CURRENT APPLICATION NUMBER: US/10/213,796
CURRENT FILING DATE: 2002-08-06
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 85
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-213-796-85

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 4958 CGTGCTGTAGAGAGTCT 4976
DB 19 CGTGCTGTAGAGAGTCT 1

RESULT 397
US-10-213-796-155
Sequence 155, Application US/10213796
Publication No. US20040029272A1
GENERAL INFORMATION:
APPLICANT: Sanjay Bhanot
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF PERILIPIN EXPRESSION
FILE REFERENCE: RTS-0355
CURRENT APPLICATION NUMBER: US/10/213,796
CURRENT FILING DATE: 2002-08-06
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 155
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
OTHER INFORMATION: US-10-213-796-155

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 4958 CGTGCTGTAGAGAGTCT 4976
DB 2 CGTGCTGTAGAGAGTCT 20

RESULT 398
US-10-680-341-72/c
Sequence 72, Application US/10680341
Publication No. US20040091923A1
GENERAL INFORMATION:
APPLICANT: Reyes, Antonio A.
APPLICANT: Wallace, Robert B.
APPLICANT: Uozzoli, Luis A.
TITLE OF INVENTION: Linked Linear Amplification of Nucleic Acids
FILE REFERENCE: 3239-0105P
CURRENT APPLICATION NUMBER: US/10/680,341
CURRENT FILING DATE: 2003-10-06
NUMBER OF SEQ ID NOS: 83
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 72
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: (20)
OTHER INFORMATION: "NON-REPLICABLE ELEMENT"-TGT
US-10-680-341-72

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1355 GCTGCACGAGGCTCTGAG 1373
DB 20 GCTGCACGAGGCTCTGAG 2

RESULT 399
US-10-457-890A-2
Sequence 2, Application US/10457890A
Publication No. US20040109870A1
GENERAL INFORMATION:
APPLICANT: Yodoi, Junji

```

; APPLICANT: Nakamura, Hajime
; APPLICANT: Okuyama, Hiroaki
; APPLICANT: Shimahara, Yasuyuki
; TITLE OF INVENTION: Therapeutic agent for acute hepatitis and chronic hepatitis inclu
; TITLE OF INVENTION: hepatic fibrosis and cirrhosis.
; FILE REFERENCE: 20033DUS
; CURRENT APPLICATION NUMBER: US/10/457,890A
; CURRENT FILING DATE: 2003-06-10
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: Sequence 2 is an ?1 type1 collagen reverse primer.
US-10-457-890A-2

Query Match          0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1901 CCTCAAACTCTCCTGCA 1919
      1 CCTCAAACTCTCCTGCA 19

Db
      1 CCTCAAACTCTCCTGCA 19

RESULT 400
US-10-317-277A-69/c
; Sequence 69, Application US/10317277A
; Publication No. US20040110159A1
; GENERAL INFORMATION:
; APPLICANT: Dobie, Kenneth W.
; TITLE OF INVENTION: Modulation of Estrogen-Responsive Finger Protein Expression
; FILE REFERENCE: RFS-0473
; CURRENT APPLICATION NUMBER: US/10/317,277A
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-277A-69

Query Match          0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      38 GCAGAGAACCACTTCTCT 56
      19 GCAGAGAACCACTTCTGT 1

Db
      19 GCAGAGAACCACTTCTGT 1

RESULT 401
US-10-317-277A-144
; Sequence 144, Application US/10317277A
; Publication No. US20040110159A1
; GENERAL INFORMATION:
; APPLICANT: Dobie, Kenneth W.
; TITLE OF INVENTION: Modulation of Estrogen-Responsive Finger Protein Expression
; FILE REFERENCE: RFS-0473
; CURRENT APPLICATION NUMBER: US/10/317,277A
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 144
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-317-277A-144

Query Match          0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      38 GCAGAGAACCACTTCTCT 56
      19 GCAGAGAACCACTTCTGT 1

Db
      19 GCAGAGAACCACTTCTGT 1

RESULT 402
US-10-671-395-57
; Sequence 57, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-57

Query Match          0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2260 GGTGGGATCTTAATA 2278
      1 GGTGGGATCTTAATA 19

Db
      1 GGTGGGATCTTAATA 19

RESULT 403
US-10-671-395-58
; Sequence 58, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-58

Query Match          0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2260 GGTGGGATCTTAATA 2278
      1 GGTGGGATCTTAATA 19

Db
      1 GGTGGGATCTTAATA 19
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Db 2 GGTGGGAAATCTTAATA 20

RESULT 404
US-10-619-739-317/c
; Sequence 317, Application US/10619739
; Publication No. US2004017519A1
; GENERAL INFORMATION:
; APPLICANT: Christians, Frederick C.
; TITLE OF INVENTION: Synthetic Tag Genes
; FILE REFERENCE: 3502.1
; CURRENT APPLICATION NUMBER: US/10/619,739
; CURRENT FILING DATE: 2003-07-14
; PRIOR APPLICATION NUMBER: 60/395,530
; PRIOR FILING DATE: 2002-07-12
; NUMBER OF SEQ ID NOS: 2068
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 317
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-619-739-317

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4461 ATGATGTGCCAAGTCTGT 4479
|||||
20 ATGATGTGCCAAGTCCGT 2

RESULT 405
US-10-023-066A-46/c
; Sequence 46, Application US/10023066A
; Publication No. US20030056242A1
; GENERAL INFORMATION:
; APPLICANT: E. I. DU PONT DE NEMOURS AND
; COMPANY
; TITLE OF INVENTION: CHIMERIC GENES AND METHODS FOR
; INCREASING THE LYSINE AND
; THREONINE CONTENT OF THE SEEDS OF
; PLANTS
; NUMBER OF SEQUENCES: 107
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: E. I. DU PONT DE NEMOURS
; AND COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; OPERATING SYSTEM: IBM PC COMPATIBLE
; SOFTWARE: MICROSOFT WORD VERSION 2.0C
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/023,066A
; FILING DATE: 29-Apr-2002
; CLASSIFICATION: <unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: BARBARA C. SIEGEL
; REGISTRATION NUMBER: 30,684
; REFERENCE/DOCKET NUMBER: BB-1037-C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-992-4931
; TELEFAX: 302-773-0164
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..21
OTHER INFORMATION: /product= "synthetic
oligonucleotide"
/standard_name= "SM
91"

SEQUENCE DESCRIPTION: SEQ ID NO: 46:
US-10-023-066A-46

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2802 GAAGAGAAATGAGAG 2820
|||||
21 GAAGAGAGATGAGAG 3

RESULT 406
US-10-184-085A-54/c
; Sequence 54, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Milna, John D.
; APPLICANT: Iuehke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 11929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 54
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-54

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4577 GTGTGTTCGAGGGGTG 4595
|||||
20 GTGTGATTGCTGGGGTG 2

RESULT 407
US-10-331-907-208/c
; Sequence 208, Application US/10331907
; Publication No. US20030181660A1
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; Hese, John W
; Caskey, Charles T
; Cox, Roger D
; Gerhold, David
; Hammond, Holly
; Hey, Patricia
; Kawaguchi, Yoshiniko
; Merriman, Tony R
; Metzker, Michael L
; TITLE OF INVENTION: No. US20030181660A1 LDL-Receptor
; NUMBER OF SEQUENCES: 455

CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vandervhe
STREET: 1100 No. US20030181660Alch Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/331,907
FILING DATE: 31-Dec-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 208:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 208:
US-10-331-907-208
Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1638 GACTCCAAAAAGAGAG 1656
DB 20 GACTCCAAACAGAGCAG 2
RESULT 408
US-10-131-827-8771/c
Sequence 8771, Application US/10131827
Publication No. US20040009479A1
GENERAL INFORMATION:
APPLICANT: Wohlgenuth, Jay
APPLICANT: Fry, Kirk
APPLICANT: Woodward, Robert
APPLICANT: Ly, Ngoc
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
FILE REFERENCE: 50612000120
CURRENT APPLICATION NUMBER: US/10/131,827
FILING DATE: 2002-09-06
PRIOR APPLICATION NUMBER: US 10/006,290
FILING DATE: 2001-10-22
PRIOR APPLICATION NUMBER: US 60/296,764
FILING DATE: 2001-06-08
NUMBER OF SEQ ID NOS: 9090
SOFTWARE: Patentin version 3.1
SEQ ID NO 8771
LENGTH: 21
TYPE: DNA
ORGANISM: Human cytomegalovirus

US-10-131-827-8771
Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 84 TTCTTCAGAAAGTGCAC 102
DB 20 TTTTCAGAAAGCGCCACA 2
RESULT 409
US-10-786-720-12933/c
Sequence 12933, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 12933
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-antisense strand
US-10-786-720-12933
Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1299 AAGCTCAGCCAACTGACAA 1317
DB 21 AAGCACAGTCACACTGACAA 3
RESULT 410
US-10-786-720-14806
Sequence 14806, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 14806
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-14806
Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 923 TGAGGCCAAGAGGTTCT 941
DB 3 TGATGCTAGAGAGTTCT 21
RESULT 411
US-10-786-720-14808/c


```
; Sequence 14808, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14808
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-14808

Query Match          0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      923 TGAGCCAGAGAGGTTCT 941
Db      19 TGATGCTTAGAGGTTCT 1

RESULT 412
US-10-786-720-17482
; Sequence 17482, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17482
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-17482

Query Match          0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3216 AGTGCTCCAGCATCTG 3234
Db      2 AGTGATCCAGCTTCACTG 20

RESULT 413
US-10-786-720-17484/c
; Sequence 17484, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
```

```
; SEQ ID NO 17484
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-17484

Query Match          0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3216 AGTGCTCCAGCATCTG 3234
Db      20 AGTGATCCAGCTTCACTG 2

RESULT 414
US-10-786-720-18670
; Sequence 18670, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18670
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-18670

Query Match          0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3216 AGTGCTCCAGCATCTG 3234
Db      2 AGTGATCCAGCTTCACTG 20

RESULT 415
US-10-786-720-18672/c
; Sequence 18672, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18672
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-18672

Query Match          0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3216 AGTGCTCCAGCATCTG 3234
Db      20 AGTGATCCAGCTTCACTG 2
```

RESULT 416
US-10-786-720-19517
; Sequence 19517, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101311L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin Version 3.2
; SEQ ID NO 19517
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-19517

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 73.7%; Pred. No. 5.5e+02;
Matches 14; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 176 CGCTGCACCACTTGCCTAG 194
DB 1 CGCTGCACCACTTGCCTAG 19

RESULT 417
US-10-085-198-287/c
; Sequence 287, Application US/10085198
; Publication No. US2004000907A1
; GENERAL INFORMATION:
; APPLICANT: Alsbrook et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-279
; CURRENT APPLICATION NUMBER: US/10/085,198
; CURRENT FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: 60/271,646
; PRIOR FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/276,401
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/311,981
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/312,858
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 60/271,840
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/277,224
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 60/286,096
; PRIOR FILING DATE: 2001-04-21
; PRIOR APPLICATION NUMBER: 60/239,695
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: 60/315,614
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/272,405
; PRIOR FILING DATE: 2001-02-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 653
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 287
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-10-085-198-287

Query Match 0.3%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2080 TGGGGGTGTGTTCAATGTT 2098
DB 20 TGGGGGTGTGTTATGTT 2

RESULT 418
US-08-983-605-232/c
; Sequence 232, Application US/08983605A
; Publication No. US20020066118A1
; GENERAL INFORMATION:
; APPLICANT: Roder, Marion
; TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
; TITLE OF INVENTION: Trifolium aestivum and Trifolium repens and the Use of
; FILE REFERENCE: 2936.10400
; CURRENT APPLICATION NUMBER: US/08/983,605A
; CURRENT FILING DATE: 1998-05-01
; EARLIER APPLICATION NUMBER: DE 195 25 284.5
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 232
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Trifolium aestivum
US-08-983-605-232

Query Match 0.3%; Score 15.8; DB 1; Length 23;
Best Local Similarity 89.5%; Pred. No. 6.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5184 CCAGTGTGTGTGTGATG 5202
DB 22 CTAGTGTGTGTGTGATG 4

RESULT 419
US-09-911-904-41
; Sequence 41, Application US/09911904
; Publication No. US20030096234A1
; GENERAL INFORMATION:
; APPLICANT: Farr, Spencer B.
; APPLICANT: Pickett, Gavin G.
; APPLICANT: Nefc, Robin Eileen
; APPLICANT: Dunn, II, Robert Thomas
; TITLE OF INVENTION: CANINE TOXICITY GENES
; FILE REFERENCE: 400742000200
; CURRENT APPLICATION NUMBER: US/09/911,904
; CURRENT FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: US 60/220,057
; PRIOR FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 386
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 41
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Canis familiaris
US-09-911-904-41

Query Match 0.3%; Score 15.8; DB 1; Length 23;
Best Local Similarity 89.5%; Pred. No. 6.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 817 CGCTGAGAGAGAGAC 835
DB 3 CCTGAGAGAGAGACCC 21

```
RESULT 420
US-10-466-205-26
; Sequence 26, Application US/10466205
; Publication No. US20040077531A1
; GENERAL INFORMATION:
; APPLICANT: MATSUMOTO, Hirokazu
; APPLICANT: NOGUCHI, Jiro
; APPLICANT: OHTAKI, Tetsuya
; TITLE OF INVENTION: Use of Galanin-like Peptide
; FILE REFERENCE: 2861USOP
; CURRENT APPLICATION NUMBER: US/10/466,205
; CURRENT FILING DATE: 2003-07-14
; PRIOR APPLICATION NUMBER: PCT/JP02/00313
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: JP 2001-12094
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 72
; SEQ ID NO 26
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: degenerate primer pGAL34-8R
US-10-466-205-26

Query Match          0.3%; Score 15.8; DB 1; Length 23;
Best Local Similarity 73.9%; Pred. No. 6.4e+02;
Matches 17; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      2953 ATGCGCAGGCGTCGATCGCCCTT 2975
Db      1 ATDCBAGGCGDGTTCGTCCTT 23

RESULT 421
US-10-032-585-4873/c
; Sequence 4873, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jjang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Buseasy
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 4873
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4873

Query Match          0.3%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 6.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2258 CTGATTGGGAGTCTTAA 2276
Db      24 CTGATTGGGAGTCTTAA 6

RESULT 422
US-10-680-341-81/c
; Sequence 81, Application US/10680341
; Publication No. US20040091923A1
; GENERAL INFORMATION:
; APPLICANT: Reyes, Antonio A.
; APPLICANT: Wallace, Robert B.
; APPLICANT: Ugozzoli, Luis A
; TITLE OF INVENTION: Linked Linear Amplification of Nucleic Acids
```

```
FILE REFERENCE: 3239-0105P
; CURRENT APPLICATION NUMBER: US/10/680,341
; CURRENT FILING DATE: 2003-10-06
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 81
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-680-341-81

Query Match          0.3%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 6.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1355 GCTGCACGAGGTCCTGAG 1373
Db      20 GCTGCACGATGATCCTGAG 2

RESULT 423
US-10-312-308-26
; Sequence 26, Application US/10312308
; Publication No. US20040106116A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc
; APPLICANT: Boyle, Brian J.
; APPLICANT: Mize, Nancy K.
; APPLICANT: Arterburn, Matthew C.
; APPLICANT: Palencia, Servando
; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua
; APPLICANT: Drmanac, Radoje T.
; APPLICANT: Chao, Cheng-Chi
; TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO HEMATOPOIETIC CYTOKINE-LIKE
; FILE REFERENCE: 21272-028 (HVS-30)
; CURRENT APPLICATION NUMBER: US/10/312,308
; CURRENT FILING DATE: 2002-12-19
; PRIOR APPLICATION NUMBER: 09/684,147
; PRIOR FILING DATE: 2000-10-05
; PRIOR APPLICATION NUMBER: 09/491,404
; PRIOR FILING DATE: 2000-01-25
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 26
; LENGTH: 24
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-312-308-26

Query Match          0.3%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 6.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1256 TCCTCAGGTTTCTCGTCGAG 1274
Db      2 TCCTCAAGTTCTCGTCGAG 20

RESULT 424
US-09-737-149-20
; Sequence 20, Application US/09737149
; Patent No. US20020077466A1
; GENERAL INFORMATION:
; APPLICANT: Spaderna, Steven K
; APPLICANT: Quinn, Kerry E.
; APPLICANT: Shimkete, Richard A.
; APPLICANT: Muralidhara, Padigaru
; APPLICANT: Spletke, Kimberly A.
; TITLE OF INVENTION: Polypeptides and Nucleic Acids Encoding Same
; FILE REFERENCE: 15966-620 CIP
; CURRENT APPLICATION NUMBER: US/09/737,149
```

;; CURRENT FILING DATE: 2001-06-15
;; PRIOR APPLICATION NUMBER: 60/170,564
;; PRIOR FILING DATE: 1999-12-14
;; PRIOR APPLICATION NUMBER: 60/173,165
;; PRIOR FILING DATE: 1999-12-27
;; PRIOR APPLICATION NUMBER: 60/173,362
;; PRIOR FILING DATE: 1999-12-27
;; PRIOR APPLICATION NUMBER: 60/173,544
;; PRIOR FILING DATE: 1999-12-29
;; PRIOR APPLICATION NUMBER: 60/174,404
;; PRIOR FILING DATE: 2000-01-04
;; PRIOR APPLICATION NUMBER: 60/174,962
;; PRIOR FILING DATE: 2000-01-07
;; PRIOR APPLICATION NUMBER: 60/223,929
;; PRIOR FILING DATE: 2000-08-09
;; NUMBER OF SEQ ID NOS: 49
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO: 20
;; LENGTH: 22
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Ag1387 Forward Primer
US-09-737-149-20

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2305 CAGAAACCTCATCCAAAAAT 2326
DB 1 CTGAAACCTTCATCCACACAAAT 22

RESULT 425
US-09-995-542-18
;; Sequence 18; Application US/09995542
;; Patent No. US20020127647A1
;; GENERAL INFORMATION:
;; APPLICANT: Shuttlecr, John
;; TITLE OF INVENTION: ATP-Binding Cassette Transporter-Like Molecules and
;; FILE REFERENCE: 00-658-A
;; CURRENT APPLICATION NUMBER: US/09/995,542
;; CURRENT FILING DATE: 2001-11-28
;; PRIOR APPLICATION NUMBER: 60/253,520
;; PRIOR FILING DATE: 2000-11-28
;; NUMBER OF SEQ ID NOS: 24
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO: 18
;; LENGTH: 22
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: PCR primer
US-09-995-542-18

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 106 CTCCTGACGCTCCAGACCGG 127
DB 1 CTCGAGCGCTCTCCAGACGAG 22

RESULT 426
US-09-912-679-60
;; Sequence 60; Application US/09912679
;; Patent No. US20020141974A1
;; GENERAL INFORMATION:

;; APPLICANT: Jolly, Douglas J.
;; Chang, Stephen M.W.
;; Lee, William T.L.
;; Townsend, Kay
;; O'Dea, Joanne
;; TITLE OF INVENTION: HEPATITIS THERAPEUTICS
;; NUMBER OF SEQUENCES: 84
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Seed and Berry
;; STREET: 6300 Columbia Center, 701 Fifth Avenue
;; CITY: Seattle
;; STATE: Washington
;; COUNTRY: U.S.
;; ZIP: 98104
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/912,679
;; FILING DATE: 07-Jun-1995
;; CLASSIFICATION: <Unknown>
;; ATTORNEY/AGENT INFORMATION:
;; NAME: McMaister, David D.
;; REGISTRATION NUMBER: 33,963
;; REFERENCE/DOCKET NUMBER: 930049.407C5
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 206-622-4900
;; TELEFAX: 206-682-6031
;; TELEX: 3723836
;; INFORMATION FOR SEQ ID NO: 60:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 22 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; SEQUENCE DESCRIPTION: SEQ ID NO: 60:
US-09-912-679-60

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3068 GCAGACCTCTCAGGACGACG 3089
DB 1 GCAGATCTCCAGACGACGATG 22

RESULT 427
US-09-466-035-60
;; Sequence 60; Application US/09466035
;; Patent No. US20020165172A1
;; GENERAL INFORMATION:
;; APPLICANT: SALBERG, MATTI
;; MILDICH, DAVID R.
;; LEE, WILLIAM T.L.
;; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING
;; INTRACELLULAR DISEASES
;; NUMBER OF SEQUENCES: 86
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Robins & Pasternak LLP
;; STREET: 545 Middlefield Road, Suite 180
;; CITY: Menlo Park
;; STATE: California
;; COUNTRY: U.S.
;; ZIP: 94025
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:

```

; APPLICATION NUMBER: US/09/466,035
; FILING DATE: 17-Dec-1999
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
;   NAME: Pasternak, Danna S.
;   REGISTRATION NUMBER: 41,411
;   REFERENCE/DOCKET NUMBER: 2300-1231.01
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 650-325-7812
;   TELEFAX: 650-325-7823
;   TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 60:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 22 base pairs
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 60:
US-09-466-035-60

Query Match      0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3068 GCAGACCTCTCAGGCAAGACG 3089
Db      1 GCAGATCTCCAGCAAGACG 22

RESULT 428
US-09-972-115A-42
; Sequence 42, Application US/09972115A
; Publication No. US20030032769A1
; GENERAL INFORMATION:
;   APPLICANT: Geiron Corporation
;   APPLICANT: Gregg, Morin B.
;   APPLICANT: Walter, Funk D.
;   APPLICANT: Mieczyslaw, Piatyszek A.
; TITLE OF INVENTION: A Second Mammalian Telomerase
; FILE REFERENCE: 080/003C
; CURRENT APPLICATION NUMBER: US/09/972,115A
; CURRENT FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: US 60/128,577
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/129,123
; PRIOR FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 42
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-972-115A-42

Query Match      0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      732 AGGTTCTTCAAGCTGAGCC 753
Db      1 AGGCTTCACCACTGAGCC 22

RESULT 429
US-10-085-198-315/c
; Sequence 315, Application US/10085198
; Publication No. US20040009907A1
; GENERAL INFORMATION:
;   APPLICANT: Alsebrook et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-279
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; CURRENT APPLICATION NUMBER: US/10/085,198
; CURRENT FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: 60/271,646
; PRIOR FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/276,401
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/311,981
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/312,858
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 60/271,840
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/277,324
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 60/286,096
; PRIOR FILING DATE: 2001-04-21
; PRIOR APPLICATION NUMBER: 60/299,695
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: 60/315,614
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/272,405
; PRIOR FILING DATE: 2001-02-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 653
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 315
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-10-085-198-315

Query Match      0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5133 TTTCCTTATGCTGCTTTTCA 5154
Db      22 TTTCCTTTGTACTGCTTCA 1

RESULT 430
US-10-210-130-237
; Sequence 237, Application US/10210130
; Publication No. US20040014053A1
; GENERAL INFORMATION:
;   APPLICANT: Zerhusen, Bryan D.
;   APPLICANT: Paturajan, Meera
;   APPLICANT: Kekuda, Ramesh
;   APPLICANT: Miller, Charles E.
;   APPLICANT: Rieger, Daniel K.
;   APPLICANT: Pena, Carol E.A.
;   APPLICANT: Shinkete, Richard A.
;   APPLICANT: Li, Li
;   APPLICANT: Bergns, Constance
;   APPLICANT: Zhong, Mei
;   APPLICANT: Casman, Stacie J.
;   APPLICANT: Voss, Edward Z.
;   APPLICANT: Boldog, Ferenc L.
;   APPLICANT: Padigaru, Muralidhara
;   APPLICANT: Smithson, Glenda
;   APPLICANT: Ji, Weizhen
;   APPLICANT: Gorman, Linda
;   APPLICANT: Vermet, Corine A.M.
;   APPLICANT: Leite, Mario W.
;   APPLICANT: Guo, Xiaojia Ssha
;   APPLICANT: Anderson, David W.
;   APPLICANT: Splet, Kimberly A.
;   APPLICANT: Gerlach, Valerie
;   APPLICANT: Burgess, Catherine E.
;   APPLICANT: Khramtsov, Nikolai V.
```

```

/ APPLICANT: Ort, Tatiana
/ APPLICANT: Ellerman, Karen
/ APPLICANT: Rastelli, Luca
/ APPLICANT: Agee, Michele L.
/ APPLICANT: Chaudhuri, Amitabha
/ APPLICANT: Chant, John S.
/ APPLICANT: DiPippo, Vincent A.
/ APPLICANT: Edinger, Shlomit R.
/ APPLICANT: Eisen, Andrew J.
/ APPLICANT: Gangolli, Esba A.
/ APPLICANT: Giot, Loic
/ APPLICANT: Ooi, Chean Eng
/ APPLICANT: Rothenberg, Mark E.
/ APPLICANT: Spaderna, Steven K.
/ APPLICANT: Hjal, Tord
/ APPLICANT: Liu, Xiaohong
/ APPLICANT: Taupier, Raymond J., Jr.
/ APPLICANT: Caterlon, Elina
/ APPLICANT: Shenoy, Suresh G.
/ TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
/ FILE REFERENCE: 21402-416C (Cura-716 SMT)
/ CURRENT APPLICATION NUMBER: US/10/210,130
/ CURRENT FILING DATE: 2002-08-01
/ PRIOR APPLICATION NUMBER: 60/309,501
/ PRIOR FILING DATE: 2001-08-02
/ PRIOR APPLICATION NUMBER: 60/316,508
/ PRIOR FILING DATE: 2001-08-31
/ PRIOR APPLICATION NUMBER: 60/354,655
/ PRIOR FILING DATE: 2002-02-05
/ PRIOR APPLICATION NUMBER: 60/310,291
/ PRIOR FILING DATE: 2001-08-03
/ PRIOR APPLICATION NUMBER: 60/383,887
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: 60/310,951
/ PRIOR FILING DATE: 2001-08-08
/ PRIOR APPLICATION NUMBER: 60/323,936
/ PRIOR FILING DATE: 2001-09-21
/ PRIOR APPLICATION NUMBER: 60/381,039
/ PRIOR FILING DATE: 2002-05-16
/ PRIOR APPLICATION NUMBER: 60/311,292
/ PRIOR FILING DATE: 2001-08-09
/ PRIOR APPLICATION NUMBER: 60/311,979
/ REMAINING PRIOR APPLICATION DATA REMOVED - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 369
/ SOFTWARE: Curaseqlist version 0.1
/ SEQ ID NO 237
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-210-130-237

Query Match      0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      270 CTTCTCTCTTCTCTCTCTCT 291
Db      1 CCCTCTCTCTTCTCTCTCTCT 22

RESULT 431
US-10-210-130-240
/ Sequence 240, Application US/10210130
/ GENERAL INFORMATION:
/ APPLICANT: Zerhusen, Bryan D.
/ APPLICANT: Patturajan, Meera
/ APPLICANT: Kekuda, Ramesh
/ APPLICANT: Miller, Charles E.
/ APPLICANT: Rieger, Daniel K.
```

```

/ APPLICANT: Pena, Carol E.A.
/ APPLICANT: Shimketa, Richard A.
/ APPLICANT: Li, Li
/ APPLICANT: Berghs, Constance
/ APPLICANT: Zhong, Mei
/ APPLICANT: Casman, Stacie J.
/ APPLICANT: Voss, Edward Z.
/ APPLICANT: Boldog, Ferenc L.
/ APPLICANT: Padigaru, Muralidhara
/ APPLICANT: Smithson, Glenda
/ APPLICANT: Ji, Weizhen
/ APPLICANT: Gorman, Linda
/ APPLICANT: Vernet, Corine A.M.
/ APPLICANT: Leite, Mario W.
/ APPLICANT: Guo, Xiaojia Sasha
/ APPLICANT: Anderson, David W.
/ APPLICANT: Spytek, Kimberly A.
/ APPLICANT: Gerlach, Valerie
/ APPLICANT: Burgess, Catherine E.
/ APPLICANT: Khramtsov, Nikolai V.
/ APPLICANT: Ort, Tatiana
/ APPLICANT: Ellerman, Karen
/ APPLICANT: Rastelli, Luca
/ APPLICANT: Agee, Michele L.
/ APPLICANT: Chaudhuri, Amitabha
/ APPLICANT: Chant, John S.
/ APPLICANT: DiPippo, Vincent A.
/ APPLICANT: Edinger, Shlomit R.
/ APPLICANT: Eisen, Andrew J.
/ APPLICANT: Gangolli, Esba A.
/ APPLICANT: Giot, Loic
/ APPLICANT: Ooi, Chean Eng
/ APPLICANT: Rothenberg, Mark E.
/ APPLICANT: Spaderna, Steven K.
/ APPLICANT: Hjal, Tord
/ APPLICANT: Liu, Xiaohong
/ APPLICANT: Taupier, Raymond J., Jr.
/ APPLICANT: Caterlon, Elina
/ APPLICANT: Shenoy, Suresh G.
/ TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
/ FILE REFERENCE: 21402-416C (Cura-716 SMT)
/ CURRENT APPLICATION NUMBER: US/10/210,130
/ CURRENT FILING DATE: 2002-08-01
/ PRIOR APPLICATION NUMBER: 60/309,501
/ PRIOR FILING DATE: 2001-08-02
/ PRIOR APPLICATION NUMBER: 60/316,508
/ PRIOR FILING DATE: 2002-02-05
/ PRIOR APPLICATION NUMBER: 60/354,655
/ PRIOR FILING DATE: 2001-08-31
/ PRIOR APPLICATION NUMBER: 60/383,887
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: 60/310,951
/ PRIOR FILING DATE: 2001-08-08
/ PRIOR APPLICATION NUMBER: 60/323,936
/ PRIOR FILING DATE: 2001-09-21
/ PRIOR APPLICATION NUMBER: 60/381,039
/ PRIOR FILING DATE: 2002-05-16
/ PRIOR APPLICATION NUMBER: 60/311,292
/ PRIOR FILING DATE: 2001-08-09
/ PRIOR APPLICATION NUMBER: 60/311,979
/ REMAINING PRIOR APPLICATION DATA REMOVED - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 369
/ SOFTWARE: Curaseqlist version 0.1
/ SEQ ID NO 240
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-210-130-240
```

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 270 CTCCTCTCTCTCTCTCTCTCT 291
Db 1 CCTCTCTCTCTCTCTCTCTCT 22

RESULT 432
US-10-435-696-180
; Sequence 180, Application US/10435696
; Publication No. US20040018525A1
; GENERAL INFORMATION:
; APPLICANT: Wirtz, Ralph
; APPLICANT: Munnes, Marc
; APPLICANT: Kallabis, Harald
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
; FILE REFERENCE: 164 36 108
; CURRENT APPLICATION NUMBER: US/10/435,696
; CURRENT FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: EP03003112.4
; PRIOR FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: EP02010291.9
; PRIOR FILING DATE: 2002-05-21
; NUMBER OF SEQ ID NOS: 314
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 180
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: MLT6
US-10-435-696-180

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4943 CACATGTATTCATCGTGTG 4964
Db 1 CACCATGAGCCCATCGTGTG 22

RESULT 433
US-10-701-283-20
; Sequence 20, Application US/10701283
; Publication No. US20040086931A1
; GENERAL INFORMATION:
; APPLICANT: Spaderna, Steven K
; APPLICANT: Quinn, Kerry E.
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Muralidhara, Padigaru
; APPLICANT: Spytek, Kimberly A.
; TITLE OF INVENTION: Polypeptides and Nucleic Acids Encoding Same
; FILE REFERENCE: 15966-620 CIP
; CURRENT APPLICATION NUMBER: US/10/701,283
; CURRENT FILING DATE: 2003-11-03
; PRIOR APPLICATION NUMBER: US/09/737,149
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/170,564
; PRIOR FILING DATE: 1999-12-14
; PRIOR APPLICATION NUMBER: 60/173,165
; PRIOR FILING DATE: 1999-12-27
; PRIOR APPLICATION NUMBER: 60/173,362
; PRIOR FILING DATE: 1999-12-27
; PRIOR APPLICATION NUMBER: 60/173,544
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 60/174,404
; PRIOR FILING DATE: 2000-01-04
; PRIOR APPLICATION NUMBER: 60/174,962

1 1944
; PRIOR FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: 60/223,929
; PRIOR FILING DATE: 2000-08-09
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Ag1387 Forward Primer
US-10-701-283-20

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2305 CAGAAACCATCATCCAAAAAT 2326
Db 1 CTGAACCTTCATCCACACAT 22

RESULT 434
US-09-247-890-20/c
; Sequence 20, Application US/09247890
; Publication No. US20020198162A1
; GENERAL INFORMATION:
; APPLICANT: Funnomen, Juha
; APPLICANT: Baas, Steven H.
; APPLICANT: Whalen, Robert Gerald
; APPLICANT: Howard, Russell
; APPLICANT: Stemmer, Willem P.C.
; APPLICANT: Maxygen, Inc.
; TITLE OF INVENTION: Antigen Library Immunization
; FILE REFERENCE: 018097-028710US
; CURRENT APPLICATION NUMBER: US/09/247,890
; CURRENT FILING DATE: 1999-02-10
; EARLIER APPLICATION NUMBER: US 60/074,294
; EARLIER FILING DATE: 1998-02-11
; EARLIER APPLICATION NUMBER: US 60/105,509
; EARLIER FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: AYWMSHREV primer
US-09-247-890-20

Query Match 0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3181 AGCAGTGGAGACACTAGCAG 3202
Db 22 AGGATTGGAGACAAATAGCAG 1

RESULT 435
US-09-863-455-5
; Sequence 5, Application US/09863455
; Publication No. US20030064434A1
; GENERAL INFORMATION:
; APPLICANT: ARDATI, ALI
; APPLICANT: DELIA PENNA, KIMBERLY
; APPLICANT: ZILBERSTEIN, ASHER
; TITLE OF INVENTION: NOVEL G PROTEIN-COUPLED RECEPTOR, GAVEL
; FILE REFERENCE: 41391
; CURRENT APPLICATION NUMBER: US/09/863,455
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 16

```

; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 5
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; US-09-863-455-5
```

```

Query Match          0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

QY      5026 GTGGGCTCTTGTTCAGGCT 5047
      ||||| ||||| ||||| |||||
Db      1 GTGGGCTCTGTCGCTGCTGCTGCT 22
```

```

RESULT 436
US-10-140-293-7
; Sequence 7, Application US/10140293
; Publication No. US20030022833A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, WEN Y.
; APPLICANT: WAGNER, THOMAS E.
; TITLE OF INVENTION: USE OF ANTI-PROLACTIN AGENTS TO TREAT PDLIFERATIVE
; TITLE OF INVENTION: CONDITIONS
; FILE REFERENCE: 035879/0109
; CURRENT APPLICATION NUMBER: US/10/140,293
; CURRENT FILING DATE: 2002-05-08
; PRIOR APPLICATION NUMBER: US/09/246,041
; PRIOR FILING DATE: 1999-02-05
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 7
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide
; US-10-140-293-7
```

```

Query Match          0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

QY      2367 CTGCTCAGAGAGAGAGAGAGC 2388
      ||||| ||||| ||||| |||||
Db      1 CCGCTCTCTAGAGAGATGAGAGC 22
```

```

RESULT 437
US-10-334-488-91/c
; Sequence 91, Application US/10334488
; Publication No. US20030180763A1
; GENERAL INFORMATION:
; APPLICANT: INNOGENETICS N.V.
; TITLE OF INVENTION: Method for typing of HLA alleles.
; FILE REFERENCE: PCT99.86.HLA
; CURRENT APPLICATION NUMBER: US/10/334,488
; CURRENT FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US/09/673,809
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 98870088.6
; PRIOR FILING DATE: 1998-04-20
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 91
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
```

```

US-10-334-488-91
```

```

Query Match          0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

QY      1239 CCGGGCTCTCGTCACGTCCTC 1260
      ||||| ||||| ||||| |||||
Db      23 CCGGGCTCTCGTCCTCGACTC 2
```

```

RESULT 438
US-10-367-438-300/c
; Sequence 300, Application US/10367438
; Publication No. US20030180773A1
; GENERAL INFORMATION:
; APPLICANT: COHEN, Daniel
; APPLICANT: BLUMENFELD, Marla
; APPLICANT: TCHOUMAKOV, Iliia
; TITLE OF INVENTION: Biallelic markers for use in
; constructing a high density disequilibrium map of
; the human genome.
; NUMBER OF SEQUENCES: 336
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knodbe, Martens, Olson & Bear
; STREET: 550 West C Street
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92101
```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Win95
; SOFTWARE: Word
```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/367,438
; FILING DATE: 14-Feb-2003
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/463,075A
; FILING DATE: 14-Jan-2000
; INFORMATION FOR SEQ ID NO: 300:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
```

```

; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
```

```

; FEATURE:
; NAME/KEY: potential microsequencing oligo 99-2649-107.mis2
; LOCATION: 1..23
; SEQUENCE DESCRIPTION: SEQ ID NO: 300:
; US-10-367-438-300
```

```

Query Match          0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

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QY      4061 CAGGACTGCCATGCACTGAAGC 4082
      ||||| ||||| ||||| |||||
Db      23 CAGGACGCAATGCACTGAAC 2
```

```

RESULT 439
US-10-383-317-20/c
; Sequence 20, Application US/10383317
; Publication No. US20040001849A1
; GENERAL INFORMATION:
; APPLICANT: Punnonen, Juha
; APPLICANT: Baer, Steven H.
; APPLICANT: Whalen, Robert Gerald
```



```
; APPLICANT: Howard, Russell
; APPLICANT: Stemmer, Willem P.C.
; APPLICANT: Maxygen, Inc.
; TITLE OF INVENTION: Antigen Library Immunization
; FILE REFERENCE: 018097-028710US
; CURRENT FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US/10/383.317
; PRIOR FILING DATE: 1999-02-10
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/074,294
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/105,509
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:AYWShREV primer
US-10-383-317-20
Query Match 0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3181 AGCAGTGGGAAGTCACTAGCAG 3202
Db 22 AGGATGGGAAGCAATAGCAG 1

RESULT 440
US-10-658-904-25/c
; Sequence 25, Application US/10658904
; Publication No. US20040048305A1
; GENERAL INFORMATION:
; APPLICANT: Kapeller-Libermann, Rosana
; TITLE OF INVENTION: 14171 Protein Kinase, A No. US20040048305A1el Human
; FILE REFERENCE: MP100-010P1RCP1M
; CURRENT APPLICATION NUMBER: US/10/658.904
; CURRENT FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 09/781,882
; PRIOR FILING DATE: 2001-02-12
; PRIOR APPLICATION NUMBER: 60/182,096
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: siRNA anti-sense strand, complement of SEQ ID
; OTHER INFORMATION: NO:24, nucleotides 1-21 are ribonucleic acid,
; OTHER INFORMATION: nucleotides 22-23 are deoxyribonucleic acid.
US-10-658-904-25
Query Match 0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1531 ACAAGAAATCTGCAGCTCAT 1552
Db 23 AAAAGAACATCTGCACATCAT 2

RESULT 441
US-10-312-373-20/c
; Sequence 20, Application US/10312373
; Publication No. US20040072174A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Boehm, Thomas
; APPLICANT: Dear, Neil T
; TITLE OF INVENTION: CALPAIN PROTEASE 12
; FILE REFERENCE: RXG-0010US
; CURRENT APPLICATION NUMBER: US/10/312.373
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: PCT/EP01/07457
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: DE 10031932.7
; PRIOR FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of the artificial sequence: Capns-Primer
US-10-312-373-20
Query Match 0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1147 CCACACTGCTCTGCAGGAGCT 1168
Db 23 CCACAGTCTCTGCAGGCGCT 2

RESULT 442
US-10-343-319-4/c
; Sequence 4, Application US/10343319
; Publication No. US20040072242A1
; GENERAL INFORMATION:
; APPLICANT: Hunter, Neil
; APPLICANT: Jacques, Nicholas A.
; APPLICANT: Martin, Fjelda E.
; APPLICANT: Nardkani, Mangala A.
; TITLE OF INVENTION: A METHOD OF DETECTING MICROORGANISMS
; FILE REFERENCE: DAV1139.002APC
; CURRENT APPLICATION NUMBER: US/10/343.319
; CURRENT FILING DATE: 2003-09-17
; PRIOR APPLICATION NUMBER: PCT/AU01/00933
; PRIOR FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: AU PQ9090/2000
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 106
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer.
US-10-343-319-4
Query Match 0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2498 GATGAGTACACTTGCTTCC 2519
Db 22 GCTGAATGCACTTACTTCC 1

RESULT 443
US-09-920-552-37
; Sequence 37, Application US/09920552
; Patent No. US20020094576A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, David J.
; APPLICANT: Weiss, Robin A.
```

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; APPLICANT: Venables, Patrick
; TITLE OF INVENTION: Material and Methods Relating to a No. US20020094576A1el Retrovir
; FILE REFERENCE: Abbott Labs
; CURRENT APPLICATION NUMBER: US/09/920,552
; CURRENT FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: 09/280,329
; PRIOR FILING DATE: 1999-03-29
; PRIOR APPLICATION NUMBER: GB 9806649.1
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/115,288
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 37
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-920-552-37
```

```

Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

QY      3166 GCCACGACCCCATGAGACGATG 3187
Db      1  GCCATGACACCATCAGAGACTG 22
```

```

RESULT 444
US-09-777-732-20
; Sequence 20, Application US/09777732
; Patent No. US20020132235A1
; GENERAL INFORMATION:
; APPLICANT: Avallingsanon, Yinygos
; APPLICANT: Ma, Naili
; APPLICANT: Strom, Terry
; APPLICANT: Soares, Miguel C.
; APPLICANT: Ferran, Christiane
; APPLICANT: Manikam, Suchanthiran
; TITLE OF INVENTION: MEASUREMENT OF PROTECTIVE GENES IN ALLOGRAFT REJECTION
; FILE REFERENCE: 01948-059001
; CURRENT APPLICATION NUMBER: US/09/777,732
; CURRENT FILING DATE: 2001-02-06
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated primer
US-09-777-732-20
```

```

Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

QY      1859 CACCCAGAGAGACCCCTGAGT 1880
Db      3  CACACAGAGAGGCGCTCCAGAGT 24
```

```

RESULT 445
US-09-978-295A-573/c
; Sequence 573, Application US/09978295A
; Patent No. US20020156006A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
```

```

; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Auefin L.
; APPLICANT: Hillan, Kenneth J.
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; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C11
; CURRENT APPLICATION NUMBER: US/09/978,295A
; CURRENT FILING DATE: 2001-10-15
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Query Match 0.3%; Score 15.6; DB 1; Length 24;
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Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAGGAGGACAGCGGCA 841
DB 22 TGGAGGAGGAGGAGGAGGAGCA 1

RESULT 446
US-09-978-697-573/C
Sequence 573, Application US/09978697
Patent No. US20020169284A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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RESULT 447
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 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Deenoyers, Luc
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 ; APPLICANT: Wood, William I.
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/ PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7, 3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 820 TGGAGGAGGAGCAGCGCA 841
|||||
Db 22 TGGAGGAGGAGCAGCGCA 1
|||||

RESULT 448
US-09-999-832A-573/c
/ Sequence 573, Application US/09999832A
/ Publication No. US20020192706A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavini, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2630P1C63
 CURRENT APPLICATION NUMBER: US/09/999, 832A
 CURRENT FILING DATE: 2001-10-24
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/064249
 PRIOR FILING DATE: 1997-11-03
 PRIOR APPLICATION NUMBER: 60/065311
 PRIOR FILING DATE: 1997-11-13
 PRIOR APPLICATION NUMBER: 60/066364
 PRIOR FILING DATE: 1997-11-21
 PRIOR APPLICATION NUMBER: 60/077450
 PRIOR FILING DATE: 1998-03-10
 PRIOR APPLICATION NUMBER: 60/077632
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077641
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077649
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 PRIOR FILING DATE: 1998-04-01
 PRIOR APPLICATION NUMBER: 60/081070
 PRIOR FILING DATE: 1998-04-08

PRIOR APPLICATION NUMBER: 60/081049
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 PRIOR APPLICATION NUMBER: 60/081071
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 PRIOR FILING DATE: 1998-04-08
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 PRIOR FILING DATE: 1998-04-22
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 PRIOR FILING DATE: 1998-04-22
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 PRIOR FILING DATE: 1998-04-29
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 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083742
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 PRIOR FILING DATE: 1998-05-05
 PRIOR APPLICATION NUMBER: 60/084414
 PRIOR FILING DATE: 1998-05-06
 PRIOR APPLICATION NUMBER: 60/084441
 PRIOR FILING DATE: 1998-05-06
 PRIOR APPLICATION NUMBER: 60/084637
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084639
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084640
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084598
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084600

Query Match 0.34; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.84; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 820 TGGAGGAGAGGACACAGCGGA 841
Db 22 TGGAGGAGAGCGGACGAGGAGA 1

RESULT 449
US-09-978-189-573/c

Sequence 573, Application US/09978189
Publication No. US20030004102A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Batton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerlitsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C7
CURRENT APPLICATION NUMBER: US/09/978,189
CURRENT FILING DATE: 2001-10-15

PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
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PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
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PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
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PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13

PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 820 TGGAGAGAGACACAGCGA 841
DB 22 TGGAGAGAGAGACAGAGGA 1

RESULT 450
US-09-978-608A-573/c
Sequence 573, Application US/09978608A
Publication No. US2003045462A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Batou, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Grimaldi, Paul J.
APPLICANT: Guirney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC22
CURRENT FILING DATE: 2001-10-16
NUMBER OF SEQ. ID NOS: 624
Prior Application removed - See file wrapper or Palm
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-608A-573

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAGAGGACACAGCGCA 841
DB 22 TGGAGGAGGCGACGAGGAGA 1

RESULT 451
US-09-978-585A-573/c
Sequence 573, Application US/09978585A
Publication No. US20030049633A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC15
CURRENT APPLICATION NUMBER: US/09/978,585A
CURRENT FILING DATE: 2001-10-16
NUMBER OF SEQ ID NOS: 624
Prior Application removed - See File Wrapper or Palm
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-585A-573

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAGAGGACACAGCGCA 841
DB 22 TGGAGGAGGCGACGAGGAGA 1

RESULT 452
US-09-978-191A-573/c
Sequence 573, Application US/09978191A
Publication No. US20030050239A1
GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC4
CURRENT APPLICATION NUMBER: US/09/978,191A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
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PRIOR APPLICATION NUMBER: 60/077641
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PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
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PRIOR APPLICATION NUMBER: 60/078936
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PRIOR APPLICATION NUMBER: 60/078939
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PRIOR FILING DATE: 1998-03-26
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAAGGACACAGCGGA 841
Db 22 TGGAGGAAGGAGGAGGAGAGA 1

RESULT 453
US-09-978-403A-573/c
; Sequence 573, Application US/09978403A
; Publication No. US20030050240A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerlitsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijaviri, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C17
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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Query Match 0.3%; Score 15.6; DB 1; Length 24;
 Best Local Similarity 81.8%; Pred. No. 7.3e+02;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 820 TGGAGGAAGGACACAGCGA 841
 Db 22 TGGAGGAAGGACGAGGAGA 1

RESULT 454
 US-09-978-564A-573/C
 ; Sequence 573, Application US/0978564A
 ; Publication No. US20030050241A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Deenoyere, Luc
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleon
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gottlieb, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Kijavlin, Ivar J.
 ; APPLICANT: Kuo, Sophia S.
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 ; APPLICANT: Pan, James
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 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Shelton, David L.
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2630PIC25
 ; CURRENT FILING DATE: 2001-10-16
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/ PRIOR FILING DATE: 1998-05-15
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/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAGGACACAGCGCA 841
Db 22 TGGAGGAGGAGCGAGCGAGA 1

RESULT 455
US-09-999-833A-573/c
/ Sequence 573, Application US/0999833A
/ Publication No. US20030054405A1
/ GENERAL INFORMATION:
/ APPLICANT: Aehkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Geritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austen L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavini, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James J.
/ APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2630PIC55
 CURRENT APPLICATION NUMBER: US/09/399,833A
 CURRENT FILING DATE: 2001-10-24
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 PRIOR FILING DATE: 2001-07-30
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 PRIOR APPLICATION NUMBER: 60/080328
 PRIOR FILING DATE: 1998-04-01
 PRIOR APPLICATION NUMBER: 60/080333
 PRIOR FILING DATE: 1998-04-01

PRIOR APPLICATION NUMBER: 60/080334
 PRIOR FILING DATE: 1998-04-01
 PRIOR APPLICATION NUMBER: 60/081070
 PRIOR FILING DATE: 1998-04-08
 PRIOR APPLICATION NUMBER: 60/081049
 PRIOR FILING DATE: 1998-04-08
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 PRIOR APPLICATION NUMBER: 60/082797
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 PRIOR FILING DATE: 1998-04-23
 PRIOR APPLICATION NUMBER: 60/083336
 PRIOR FILING DATE: 1998-04-27
 PRIOR APPLICATION NUMBER: 60/083322
 PRIOR FILING DATE: 1998-04-28
 PRIOR APPLICATION NUMBER: 60/083392
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083495
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 PRIOR APPLICATION NUMBER: 60/083496
 PRIOR FILING DATE: 1998-04-29
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 PRIOR APPLICATION NUMBER: 60/084637
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084639
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084640

PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
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PRIOR APPLICATION NUMBER: 60/085338
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PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 820 TGGAGGAGGAGCAGCGGGA 841
|||||

Db 22 TGGAGGAGGAGGAGCGGAGGA 1
|||||

RESULT 456
US-09-981-915A-573/c
Sequence 573, Application US/09981915A
Publication No. US20030054986A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerlitsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavani, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Thomas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCES: P2630P1C12
CURRENT APPLICATION NUMBER: US/09/981,915A
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
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PRIOR APPLICATION NUMBER: 60/080328
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PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071

PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
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PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
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PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07

APPLICATION NUMBER: 60/084643
FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/085339
FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085338
FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085323
FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/08582
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085700
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085689
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085579
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085580
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085573
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085704
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 820 TGGAGGAGAGGACAGCGGCA 841
Db 22 TGGAGGAGGAGGACGAGGAGCA 1

RESULT 457
US-09-978-824-573/C
Sequence 573, Application US/09978824
Publication No. US20030055216A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Denoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tuma, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C14
CURRENT APPLICATION NUMBER: US/09/978, 824
CURRENT FILING DATE: 2001-10-17
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250

[illegible]

PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
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PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 820 TGGAGGAAGGACACAGCGCA 841
Db 22 TGGAGGAAGGACGAGGAGAGA 1

RESULT 458
US-09-918-5854-573/c
Sequence 573, Application US/09918585A
Publication No. US20030060406a1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Shertman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertsens, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Goddard, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavini, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C1
CURRENT APPLICATION NUMBER: US/09/918, 585A
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10

PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
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PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
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PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
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PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838

1 PRIOR FILING DATE: 1998-04-15
1 PRIOR APPLICATION NUMBER: 60/082568
1 PRIOR FILING DATE: 1998-04-21
1 PRIOR APPLICATION NUMBER: 60/082569
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1 PRIOR FILING DATE: 1998-04-22
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1 PRIOR APPLICATION NUMBER: 60/082700
1 PRIOR FILING DATE: 1998-04-22
1 PRIOR APPLICATION NUMBER: 60/082797
1 PRIOR FILING DATE: 1998-04-22
1 PRIOR APPLICATION NUMBER: 60/082796
1 PRIOR FILING DATE: 1998-04-23
1 PRIOR APPLICATION NUMBER: 60/083336
1 PRIOR FILING DATE: 1998-04-27
1 PRIOR APPLICATION NUMBER: 60/083322
1 PRIOR FILING DATE: 1998-04-28
1 PRIOR APPLICATION NUMBER: 60/083392
1 PRIOR FILING DATE: 1998-04-29
1 PRIOR APPLICATION NUMBER: 60/083495
1 PRIOR FILING DATE: 1998-04-29
1 PRIOR APPLICATION NUMBER: 60/083496
1 PRIOR FILING DATE: 1998-04-29
1 PRIOR APPLICATION NUMBER: 60/083499
1 PRIOR FILING DATE: 1998-04-29
1 PRIOR APPLICATION NUMBER: 60/083545
1 PRIOR FILING DATE: 1998-04-29
1 PRIOR APPLICATION NUMBER: 60/083554
1 PRIOR FILING DATE: 1998-04-29
1 PRIOR APPLICATION NUMBER: 60/083558
1 PRIOR FILING DATE: 1998-04-29
1 PRIOR APPLICATION NUMBER: 60/083559
1 PRIOR FILING DATE: 1998-04-29
1 PRIOR APPLICATION NUMBER: 60/083500
1 PRIOR FILING DATE: 1998-04-29
1 PRIOR APPLICATION NUMBER: 60/083742
1 PRIOR FILING DATE: 1998-04-30
1 PRIOR APPLICATION NUMBER: 60/084366
1 PRIOR FILING DATE: 1998-05-05
1 PRIOR APPLICATION NUMBER: 60/084414
1 PRIOR FILING DATE: 1998-05-06
1 PRIOR APPLICATION NUMBER: 60/084441
1 PRIOR FILING DATE: 1998-05-06
1 PRIOR APPLICATION NUMBER: 60/084637
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1 PRIOR APPLICATION NUMBER: 60/084639
1 PRIOR FILING DATE: 1998-05-07
1 PRIOR APPLICATION NUMBER: 60/084640
1 PRIOR FILING DATE: 1998-05-07
1 PRIOR APPLICATION NUMBER: 60/084598
1 PRIOR FILING DATE: 1998-05-07
1 PRIOR APPLICATION NUMBER: 60/084600
1 PRIOR FILING DATE: 1998-05-07
1 PRIOR APPLICATION NUMBER: 60/084627
1 PRIOR FILING DATE: 1998-05-07
1 PRIOR APPLICATION NUMBER: 60/084643
1 PRIOR FILING DATE: 1998-05-07
1 PRIOR APPLICATION NUMBER: 60/085339
1 PRIOR FILING DATE: 1998-05-13
1 PRIOR APPLICATION NUMBER: 60/085338
1 PRIOR FILING DATE: 1998-05-13
1 PRIOR APPLICATION NUMBER: 60/085323
1 PRIOR FILING DATE: 1998-05-13
1 PRIOR APPLICATION NUMBER: 60/085582
1 PRIOR FILING DATE: 1998-05-15
1 PRIOR APPLICATION NUMBER: 60/085700
1 PRIOR FILING DATE: 1998-05-15
1 PRIOR APPLICATION NUMBER: 60/085689
1 PRIOR FILING DATE: 1998-05-15
1 PRIOR APPLICATION NUMBER: 60/085579
1 PRIOR FILING DATE: 1998-05-15

1 PRIOR APPLICATION NUMBER: 60/085580
1 PRIOR FILING DATE: 1998-05-15
1 PRIOR APPLICATION NUMBER: 60/085573
1 PRIOR FILING DATE: 1998-05-15
1 PRIOR APPLICATION NUMBER: 60/085704
1 PRIOR FILING DATE: 1998-05-15
1 PRIOR APPLICATION NUMBER: 60/085697
1 PRIOR FILING DATE: 1998-05-15
1 PRIOR APPLICATION NUMBER: 60/086023

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 820 TCGAGGAGAGGACAGCGCGA 841
Db 22 TCGAGGAGAGGACAGCGAGAGA 1

RESULT 459
US-09-999-834A-573/C
Sequence 573, Application US/09999834A
Publication No. US20030064407A1

GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Flivartoff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C75
CURRENT APPLICATION NUMBER: US/09/999,834A
PRIOR FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
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PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
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PRIOR APPLICATION NUMBER: 60/077632
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649

;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697
Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 820 TGGAGGAGGAGGAGGAGGAGA 841
Db 22 TGGAGGAGGAGGAGGAGGAGA 1
RESULT 460
US-09-978-423A-573/c
; Sequence 573, Application US/09978423A
; Publication No. US2003069178A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, Audrey J.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James J.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P630P1C21
; CURRENT APPLICATION NUMBER: US/09/978,423A
; CURRENT FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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 PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
 Best Local Similarity 81.8%; Pred. No. 7.3e+02;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 820 TCGAGAGAGACACAGCGCA 841
 Db 22 TCGAGAGAGAGACAGCGCA 1
 RESULT 461
 US-09-978-193A-573/c
 Sequence 573, Application US/09978193A
 Publication No. US2003007362A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Garber, Hanspeter
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 APPLICANT: Goddard, Audrey
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 APPLICANT: Grimaldi, J. Christopher
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 APPLICANT: Kuo, Sophia S.
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 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2630PIC6
 CURRENT APPLICATION NUMBER: US/09/978,193A
 CURRENT FILING DATE: 2002-02-21
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60/062250
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73 PRIOR FILING DATE: 1998-04-28

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Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 820 TCGAGAGAGAGACAGCGA 841
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Db 22 TCGAGAGAGCGAGCGAGAGA 1

RESULT 462
US-09-999-830A-573/C

Sequence 573, Application US/09999830A
 Publication No. US2003007700A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Deenoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
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 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Acids and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2630P1C70
 CURRENT APPLICATION NUMBER: US/09/999,830A
 CURRENT FILING DATE: 2001-08-31
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAAGGACACACGCGGA 841
Db 22 TGGAGGAAGGACGCGAGAGA 1

RESULT 463
US-09-978-757A-573/c
; Sequence 573, Application US/09978757A
; Publication No. US2003083248A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc

;; APPLICANT: Eaton, Dan
;; APPLICANT: Ferrara, Napoleon
;; APPLICANT: Filvaroff, Ellen
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Gerber, Hanspeter
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;; APPLICANT: Godowski, Paul J.
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;; APPLICANT: Kijavlin, Ivar J.
;; APPLICANT: Kuo, Sophia S.
;; APPLICANT: Napier, Mary A.
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;; APPLICANT: Paomti, Nicholas F.
;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Shelton, David L.
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Williams, P. Mickey
;; APPLICANT: Wood, William I.
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;; FILE REFERENCE: P2630PIC26
;; CURRENT APPLICATION NUMBER: US/09/978,757A
;; PRIOR FILING DATE: 2002-03-19
;; PRIOR APPLICATION NUMBER: 09/918585
;; PRIOR FILING DATE: 2001-07-30
;; PRIOR APPLICATION NUMBER: 60/062250
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;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAGGACACAGCGCA 841
Dd 22 TGGAGGAGGACGACGAGCGAGA 1

RESULT 464
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; Sequence 1743, Application US/09940185
; Publication No. US2003096239A1
; GENERAL INFORMATION:
; APPLICANT: Gunderson, Kevin
; TITLE OF INVENTION: Probes and Decoder Oligonucleotides
; FILE REFERENCE: A-69605-1
; CURRENT APPLICATION NUMBER: US/09/940,185
; PRIOR FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: US 60/227,948
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: US 60/228,854
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 4768

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/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Computer Generated Probe Sequence.
US-09-940-185-1743

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Db      2 CCGGCGCATCTCATTAGCAGAC 23

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/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
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/ APPLICANT: Desnoyers, Luc
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/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Thomas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C5
/ CURRENT APPLICATION NUMBER: US/09/978,187B
/ PRIOR FILING DATE: 2001-10-15
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; PRIOR APPLICATION NUMBER: 60/085697
 Query Match 0.3%; Score 15.6; DB 1; Length 24;
 Best Local Similarity 81.8%; Pred. No. 7.3e+02;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
 Oy 820 TGGAGGAGGAGGACACAGCGGA 841
 Db 22 TGGAGGAGGAGGAGGAGCGAGGA 1
 RESULT 466
 US-09-778-013-20
 ; Sequence 20; Application US/09778013
 ; Publication No. US20030104371A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Strom, Terry B.
 ; APPLICANT: Suthanthiran, Manikkam
 ; APPLICANT: Vasconcellos, Lauro
 ; TITLE OF INVENTION: METHOD OF EVALUATING TRANSPLANT REJECTION
 ; FILE REFERENCE: 01948-061001
 ; CURRENT APPLICATION NUMBER: US/09/778,013
 ; CURRENT FILING DATE: 2003-01-21
 ; PRIOR APPLICATION NUMBER: US 60/199,327
 ; PRIOR FILING DATE: 2000-04-24
 ; PRIOR APPLICATION NUMBER: US 60/240,735
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 ; PRIOR APPLICATION NUMBER: US 08/937,063
 ; PRIOR FILING DATE: 1997-09-24
 ; NUMBER OF SEQ ID NOS: 57
 ; SOFTWARE: FastSeq for Windows Version 4.0
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 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
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 ; OTHER INFORMATION: antisense oligonucleotide primer
 US-09-778-013-20
 Query Match 0.3%; Score 15.6; DB 1; Length 24;
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 RESULT 467
 US-09-978-643A-573/c
 ; Sequence 573; Application US/09978643A
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 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
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 ; APPLICANT: Ferrara, Napoleon
 ; APPLICANT: Filvaroff, Ellen
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 ; APPLICANT: Gao, Wei-Qiang
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; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
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; APPLICANT: Pan, James;
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; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C16
; CURRENT APPLICATION NUMBER: US/09/978, 643A
; CURRENT FILING DATE: 2001-10-16
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; Prior Application removed - See File Wrapper or Palm
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; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-643A-573
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Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY 820 TGGAGGAGGAGGACACAGCGGA 841

Db 22 TGGAGGAGGAGGAGGAGCGAGAGA 1

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RESULT 468
US-09-978-375A-573/c
; Sequence 573, Application US/09978375A
; Publication No. US20030130181A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austen L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C24
; CURRENT APPLICATION NUMBER: US/09/978, 375A
; CURRENT FILING DATE: 2002-04-19
; Prior Application removed - See File Wrapper or Palm
```

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; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-375A-573
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Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY 820 TGGAGGAGGAGGACACAGCGGA 841

Db 22 TGGAGGAGGAGGAGGAGCGAGAGA 1

```

RESULT 469
US-09-978-298A-573/c
; Sequence 573, Application US/09978298A
; Publication No. US20030134785A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austen L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C2
; CURRENT APPLICATION NUMBER: US/09/978, 298A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
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: PRIOR APPLICATION NUMBER: 60/085697
Query Match 0.34; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps

OY 820 TGGAGGAAGGAGCAGCGGCA 841
DB 22 TGGAGGAAGGAGCAGCGAGAGA 1

RESULT 470
US-09-978-188A-573/c
Sequence 573, Application US/09978188A
Publication No. US20030139328A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P18
CURRENT APPLICATION NUMBER: US/09/978,188A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936

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PRIOR FILING DATE:	1998-03-20
PRIOR APPLICATION NUMBER:	60/078910
PRIOR FILING DATE:	1998-03-20
PRIOR APPLICATION NUMBER:	60/078939
PRIOR FILING DATE:	1998-03-20
PRIOR APPLICATION NUMBER:	60/079294
PRIOR FILING DATE:	1998-03-25
PRIOR APPLICATION NUMBER:	60/079566
PRIOR FILING DATE:	1998-03-27
PRIOR APPLICATION NUMBER:	60/079664
PRIOR FILING DATE:	1998-03-27
PRIOR APPLICATION NUMBER:	60/079689
PRIOR FILING DATE:	1998-03-27
PRIOR APPLICATION NUMBER:	60/079663
PRIOR FILING DATE:	1998-03-27
PRIOR APPLICATION NUMBER:	60/079728
PRIOR FILING DATE:	1998-03-27
PRIOR APPLICATION NUMBER:	60/079786
PRIOR FILING DATE:	1998-03-27
PRIOR APPLICATION NUMBER:	60/079920
PRIOR FILING DATE:	1998-03-30
PRIOR APPLICATION NUMBER:	60/079923
PRIOR FILING DATE:	1998-03-30
PRIOR APPLICATION NUMBER:	60/080105
PRIOR FILING DATE:	1998-03-31
PRIOR APPLICATION NUMBER:	60/080107
PRIOR FILING DATE:	1998-03-31
PRIOR APPLICATION NUMBER:	60/080165
PRIOR FILING DATE:	1998-03-31
PRIOR APPLICATION NUMBER:	60/080194
PRIOR FILING DATE:	1998-03-31
PRIOR APPLICATION NUMBER:	60/080327
PRIOR FILING DATE:	1998-04-01
PRIOR APPLICATION NUMBER:	60/080328
PRIOR FILING DATE:	1998-04-01
PRIOR APPLICATION NUMBER:	60/080333
PRIOR FILING DATE:	1998-04-01
PRIOR APPLICATION NUMBER:	60/080334
PRIOR FILING DATE:	1998-04-01
PRIOR APPLICATION NUMBER:	60/081070
PRIOR FILING DATE:	1998-04-08
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PRIOR FILING DATE:	1998-04-08
PRIOR APPLICATION NUMBER:	60/081071
PRIOR FILING DATE:	1998-04-08
PRIOR APPLICATION NUMBER:	60/081195
PRIOR FILING DATE:	1998-04-08
PRIOR APPLICATION NUMBER:	60/081203
PRIOR FILING DATE:	1998-04-09
PRIOR APPLICATION NUMBER:	60/081229
PRIOR FILING DATE:	1998-04-09
PRIOR APPLICATION NUMBER:	60/081955
PRIOR FILING DATE:	1998-04-15
PRIOR APPLICATION NUMBER:	60/081952
PRIOR FILING DATE:	1998-04-15
PRIOR APPLICATION NUMBER:	60/081838
PRIOR FILING DATE:	1998-04-15
PRIOR APPLICATION NUMBER:	60/082568
PRIOR FILING DATE:	1998-04-21
PRIOR APPLICATION NUMBER:	60/082569
PRIOR FILING DATE:	1998-04-21
PRIOR APPLICATION NUMBER:	60/082704
PRIOR FILING DATE:	1998-04-22
PRIOR APPLICATION NUMBER:	60/082804
PRIOR FILING DATE:	1998-04-22
PRIOR APPLICATION NUMBER:	60/082700
PRIOR FILING DATE:	1998-04-22
PRIOR APPLICATION NUMBER:	60/082797
PRIOR FILING DATE:	1998-04-22

PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
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PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
820 TGGAGGAGGAGGAGGAGA 841

Db 22 TGGAGGAGGAGGAGGAGA 1
RESULT 471
US-09-978-681A-573/c
Sequence 573, Application US/09978681A
Publication No. US20030195148A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Garber, Hanspeter
APPLICANT: Gerltgen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavitt, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James J.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OR INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC18
CURRENT APPLICATION NUMBER: US/09/978,681A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25

;; PRIOR APPLICATION NUMBER: 60/079656
;; PRIOR FILING DATE: 1998-03-26
;; PRIOR APPLICATION NUMBER: 60/079664
;; PRIOR FILING DATE: 1998-03-27
;; PRIOR APPLICATION NUMBER: 60/079689
;; PRIOR FILING DATE: 1998-03-27
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;; PRIOR FILING DATE: 1998-03-27
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;; PRIOR FILING DATE: 1998-03-30
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;; PRIOR APPLICATION NUMBER: 60/080105
;; PRIOR FILING DATE: 1998-03-31
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;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/080165
;; PRIOR FILING DATE: 1998-03-31
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;; PRIOR FILING DATE: 1998-03-31
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;; PRIOR FILING DATE: 1998-04-01
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;; PRIOR FILING DATE: 1998-04-08
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;; PRIOR FILING DATE: 1998-04-09
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;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081817
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081819
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081952
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081838
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/082568
;; PRIOR FILING DATE: 1998-04-21
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;; PRIOR APPLICATION NUMBER: 60/082704
;; PRIOR FILING DATE: 1998-04-22
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;; PRIOR APPLICATION NUMBER: 60/083322
;; PRIOR FILING DATE: 1998-04-28
;; PRIOR APPLICATION NUMBER: 60/083392

;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083495
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083496
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083499
;; PRIOR FILING DATE: 1998-04-29
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;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083742
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;; PRIOR APPLICATION NUMBER: 60/084366
;; PRIOR FILING DATE: 1998-05-05
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;; PRIOR APPLICATION NUMBER: 60/084441
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;; PRIOR FILING DATE: 1998-05-07
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;; PRIOR APPLICATION NUMBER: 60/084640
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;; PRIOR APPLICATION NUMBER: 60/084598
;; PRIOR FILING DATE: 1998-05-07
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;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/085339
;; PRIOR FILING DATE: 1998-05-13
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAGGACGACGCGA 841
|||||
Db 22 TGGAGGAGGACGACGCGA 1

RESULT 472
US-09-978-194A-573/C
; Sequence 573, Application US/09978194A

Publication No. US2003019533A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvarolff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gunney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James J.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same
FILE REFERENCE: P2630P1C10
CURRENT APPLICATION NUMBER: US/09/978,194A
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
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PRIOR FILING DATE: 1998-03-26
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PRIOR FILING DATE: 1998-03-27
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/ PRIOR APPLICATION NUMBER: 60/085579
/ PRIOR FILING DATE: 1998-05-15
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/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697
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Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      820 TGGAGGAGGAGCAGCAGCGGA 841
DB      22 TGGAGGAGGAGCAGCAGCGGA 1
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RESULT 473

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US-09-999-829A-573/C
/ Sequence 573, Application US/09999829A
/ Publication No. US20030195344A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan
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/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltisen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C61
/ CURRENT FILING DATE: 2002-03-19
/ NUMBER OF SEQ ID NOS: 624
/ Prior Application removed - See File Wrapper or Palm
/ SEQ ID NO 573
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
/ US-09-999-829A-573
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Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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DB      22 TGGAGGAGGAGCAGCAGCGGA 1
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/ Publication No. US20030199435A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltisen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
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APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C3
CURRENT APPLICATION NUMBER: US/09/978,299A
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
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PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
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Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAAGGACACAGCGGA 841
DB 22 TGGAGGAAGGACGAGGAGA 1

RESULT 475

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; Publication No. US20030199436A1
; GENERAL INFORMATION:
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; APPLICANT: Baker Kevin P.
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; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Nadler, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Acids Encoding the Same

;; FILE REFERENCE: P2630PIC13
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAAGGACACAGGCCA 841
DB 22 TGGAGGAAGGACGACGAGAGA 1

RESULT 476
US-09-978-665A-573/c
; Sequence 573, Application US/09978665A
; Publication No. US20030199437A1
; GENERAL INFORMATION:
; APPLICANT: Aebkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Geider, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavitt, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C19
; CURRENT APPLICATION NUMBER: US/09/978,665A
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17


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; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

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Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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QY      820 TGGAGGAAGGACACAGGCGA 841
Db      22 TGGAGGAAGGACGAGGAGA 1

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RESULT 477
US-09-978-802A-573/c
; Sequence 573, Application US/0978802A
; Publication No. US20030199674A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertsens, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C20
; CURRENT APPLICATION NUMBER: US/09/978, 802A
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450

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; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15

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PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579

PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 820 TGGAGGAGAGGACAGGCGA 841
Db 22 TGGAGGAGGAGGACGAGGAGA 1

RESULT 478
US-09-999-831A-573/c
Sequence 573, Application US/09999831A
Publication No. US20040048332A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltzen, Mary E.
APPLICANT: Goddard, Audrey J.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Guiney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James J.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PLC68
CURRENT APPLICATION NUMBER: US/09/999,831A
CURRENT OF SEQ ID NOS: 624
Prior Application removed - See File Wrapper or Palm
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-999-831A-573

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 820 TGGAGGAGAGGACAGGCGA 841
Db 22 TGGAGGAGGAGGACGAGGAGA 1

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RESULT 479
US-10-017-081A-573/C
; Sequence 573, Application US/10017081A
; Publication No. US20030049684A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gottfredsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gunney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C69
; CURRENT APPLICATION NUMBER: US/10/017,081A
; PRIORITY FILING DATE: 2002-04-30
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-081A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAAGAGACACAGCGGA 841
DB      22 TGGAGGAAGAGCGGACGAGGAGA 1

RESULT 480
US-10-167-749-573/C
; Sequence 573, Application US/10167749
; Publication No. US20030056137A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
```

```
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gunney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C60
; CURRENT APPLICATION NUMBER: US/10/167,749
; PRIORITY FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-167-749-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAAGAGACACAGCGGA 841
DB      22 TGGAGGAAGAGCGGACGAGGAGA 1

RESULT 481
US-10-013-921A-573/C
; Sequence 573, Application US/10013921A
; Publication No. US2003006848A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
```

APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, Audrey J.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James J.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C94
CURRENT APPLICATION NUMBER: US/10/013,921A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
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PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
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PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
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PRIOR APPLICATION NUMBER: 60/079728
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PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105

PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
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PRIOR FILING DATE: 1998-04-15
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PRIOR FILING DATE: 1998-04-29
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PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
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PRIOR APPLICATION NUMBER: 60/083499
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PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29

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/ PRIOR APPLICATION NUMBER: 60/083742
/ PRIOR FILING DATE: 1998-04-30
/ PRIOR APPLICATION NUMBER: 60/084366
/ PRIOR FILING DATE: 1998-05-05
/ PRIOR APPLICATION NUMBER: 60/084414
/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 60/084441
/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 60/084637
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/ PRIOR APPLICATION NUMBER: 60/084598
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084600
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/ PRIOR APPLICATION NUMBER: 60/085323
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085582
/ PRIOR FILING DATE: 1998-05-15
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/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085689
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/ PRIOR APPLICATION NUMBER: 60/085579
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085580
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085573
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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Qy      820 TGGAGGAAGACACAGCGA 841
Db      22 TGGAGGAAGCGACGAGGAGA 1
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RESULT 482
US-10-013-929A-573/c
/ Sequence 573, Application US/10013929A
/ Publication No. US20030072745A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botsstein, David
/ APPLICANT: Desnuyers, Luc
/ APPLICANT: Baton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
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/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kijavrin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James J.
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OR INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630PIC89
/ CURRENT APPLICATION NUMBER: US/10/013,929A
/ CURRENT FILING DATE: 2002-03-19
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/074450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ PRIOR APPLICATION NUMBER: 60/078004
/ PRIOR FILING DATE: 1998-03-13
/ PRIOR APPLICATION NUMBER: 60/078886
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078936
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078910
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078939
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/079294
/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079664
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079689
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079663
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079728
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/ PRIOR APPLICATION NUMBER: 60/079786
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079920
/ PRIOR FILING DATE: 1998-03-30
/ PRIOR APPLICATION NUMBER: 60/079923
/ PRIOR FILING DATE: 1998-03-30
/ PRIOR APPLICATION NUMBER: 60/080105
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080107
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080165
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080194
/ PRIOR FILING DATE: 1998-03-31
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;; PRIOR APPLICATION NUMBER: 60/080327
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/080328
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;; PRIOR APPLICATION NUMBER: 60/080333
;; PRIOR FILING DATE: 1998-04-01
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;; PRIOR FILING DATE: 1998-04-08
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;; PRIOR FILING DATE: 1998-04-08
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;; PRIOR FILING DATE: 1998-04-28
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;; PRIOR FILING DATE: 1998-04-29
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;; PRIOR APPLICATION NUMBER: 60/083742
;; PRIOR FILING DATE: 1998-04-30
;; PRIOR APPLICATION NUMBER: 60/084366
;; PRIOR FILING DATE: 1998-05-05
;; PRIOR APPLICATION NUMBER: 60/084414
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;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084637
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;; PRIOR APPLICATION NUMBER: 60/084640
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;; PRIOR APPLICATION NUMBER: 60/085323
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;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
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;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; length 24;
Best local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAGGAGGACGAGCGGA 841
|||||
Db 22 TGGAGGAGGAGGAGCGAGGAGA 1

RESULT 483
US-10-016-177A-573/C
; Sequence 573, Application US/10016177A
; Publication No. US20030073131A1
GENERAL INFORMATION:

;; APPLICANT: Ashkenazi, Avi
;; APPLICANT: Baker Kevin P.
;; APPLICANT: Botstein, David
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Eaton, Dan
;; APPLICANT: Ferrara, Napoleon
;; APPLICANT: Filvaroff, Ellen
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Gerber, Hanspeter
;; APPLICANT: Gerlitsen, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, J. Christopher
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Kijavlin, Iyar J.
;; APPLICANT: Kuo, Sophia S.
;; APPLICANT: Napier, Mary A.
;; APPLICANT: Pan, James
;; APPLICANT: Paoni, Nicholas F.
;; APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C90
CURRENT APPLICATION NUMBER: US/10/016,177A
Prior application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-016-177A-573

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAAGGACACAGCGCA 841
DB 22 TGGAGGAAGGACACAGCGCA 1

RESULT 484
US-10-166-709A-573/c
Sequence 573; Application US/10166709A
Publication No. US20030104536A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavich, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C90
CURRENT APPLICATION NUMBER: US/10/166,709A
Prior application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-016-177A-573

Prior Filing Date: 1997-11-13
Prior Application Number: 60/066364
Prior Filing Date: 1997-11-21
Prior Application Number: 60/077450
Prior Filing Date: 1998-03-10
Prior Application Number: 60/077632
Prior Filing Date: 1998-03-11
Prior Application Number: 60/077641
Prior Filing Date: 1998-03-11
Prior Application Number: 60/077649
Prior Filing Date: 1998-03-11
Prior Application Number: 60/077791
Prior Filing Date: 1998-03-12
Prior Application Number: 60/078004
Prior Filing Date: 1998-03-13
Prior Application Number: 60/078886
Prior Filing Date: 1998-03-20
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Prior Filing Date: 1998-03-20
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Prior Filing Date: 1998-03-20
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Prior Filing Date: 1998-03-31
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Prior Application Number: 60/081195
Prior Filing Date: 1998-04-08
Prior Application Number: 60/081203
Prior Filing Date: 1998-04-09
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Prior Filing Date: 1998-04-09
Prior Application Number: 60/081955
Prior Filing Date: 1998-04-15
Prior Application Number: 60/081817
Prior Filing Date: 1998-04-15

;; PRIOR APPLICATION NUMBER: 60/081819
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;; PRIOR APPLICATION NUMBER: 60/082700
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;; PRIOR FILING DATE: 1998-04-23
;; PRIOR APPLICATION NUMBER: 60/083336
;; PRIOR FILING DATE: 1998-04-27
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;; PRIOR APPLICATION NUMBER: 60/083559
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;; PRIOR FILING DATE: 1998-04-29
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;; PRIOR APPLICATION NUMBER: 60/084643
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;; PRIOR APPLICATION NUMBER: 60/085323
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;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700

;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697
Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 820 TCGAGGAGGAGCAGCGCGA 841
Db 22 TCGAGGAGGAGCAGCGAGAGA 1
RESULT 485
US-10-143-031A-573/C
Sequence 573, Application US/10143031A
Publication No. US20030138439A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC39
CURRENT APPLICATION NUMBER: US/10/143,031A
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11


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; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-143-031A-573

Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TCGAGGAGGAGGACACAGCGCA 841
Db      22 TCGAGGAGGAGGACGAGGAGA 1

RESULT 486
US-10-143-030A-573/C
; Sequence 573, Application US/10143030A
; Publication No. US20030147901A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tuma, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C33
; CURRENT APPLICATION NUMBER: US/10/143, 030A
; CURRENT FILING DATE: 2002-08-27
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
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; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-143-030A-573

Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TCGAGGAGGAGGACACAGCGCA 841
Db      22 TCGAGGAGGAGGACGAGGAGA 1

RESULT 487
US-10-188-869-24/C
; Sequence 24, Application US/10188869
; Publication No. US20030148306A1
; GENERAL INFORMATION:
; APPLICANT: LAVALLIE, EDWARD
; APPLICANT: RACIE, LISA
; APPLICANT: DIBLASIO, ELIZABETH
; APPLICANT: AGOSTINO, MICHAEL
; TITLE OF INVENTION: AGGRECANASE MOLECULES
; FILE REFERENCE: 08702.0092-00000
; CURRENT APPLICATION NUMBER: US/10/188, 869
; CURRENT FILING DATE: 2002-07-05
; PRIOR APPLICATION NUMBER: 60/349, 133
; PRIOR FILING DATE: 2002-01-16
; PRIOR APPLICATION NUMBER: 60/303, 051
; PRIOR FILING DATE: 2001-06-05
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-188-869-24

Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1945 CAGTCGCATTCACAGCTCTG 1966
Db      22 CAGTCGCCGTCACATGCTCCG 1

RESULT 488
US-10-002-967A-573/C
; Sequence 573, Application US/10002967A
; Publication No. US20030148373A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
```

APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Geriltsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Guirney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James:
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C72
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
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PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923

PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
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PRIOR APPLICATION NUMBER: 60/083496
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PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29

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; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
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; PRIOR APPLICATION NUMBER: 60/084639
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; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
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; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

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Query Match 0.3%; Score 15.6; DB 1; Length 24;
 Best Local Similarity 81.8%; Pred. No. 7.3e+02;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAGGAGGACGCGGA 841
 DB 22 TGGAGGAGGAGGAGCGAGGAGA 1

RESULT 489
 US-10-017-083A-573/C
 ; Sequence 573, Application US/10017083A
 ; Publication No. US20030148376A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleon
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.

```

; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C67
; CURRENT APPLICATION NUMBER: US/10/017,083A
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-017-083A-573

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Query Match 0.3%; Score 15.6; DB 1; Length 24;
 Best Local Similarity 81.8%; Pred. No. 7.3e+02;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAGGAGGACGCGGA 841
 DB 22 TGGAGGAGGAGGAGCGAGGAGA 1

RESULT 490
 US-10-145-128A-573/C
 ; Sequence 573, Application US/10145128A
 ; Publication No. US20030157615A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleon
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Kijavlin, Ivar J.
 ; APPLICANT: Kuo, Sophia S.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James;
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Shelton, David L.
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2630P1C67

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/ CURRENT APPLICATION NUMBER: US/10/145,128A
/ CURRENT FILING DATE: 2002-10-01
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 573
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-128A-573
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Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      820 TGGAGGAGGACACACAGCGGA 841
Db       22 TGGAGGAGGAGGACGAGGAGA 1
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RESULT 491
US-10-017-191A-573/c
/ Sequence 573, Application US/10017191A
/ Publication No. US20030170254A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James J.
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
```

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/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630PIC62
/ CURRENT APPLICATION NUMBER: US/10/017,191A
/ CURRENT FILING DATE: 2001-10-24
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
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/ PRIOR APPLICATION NUMBER: 60/078004
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/ PRIOR APPLICATION NUMBER: 60/078936
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078910
/ PRIOR FILING DATE: 1998-03-20
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/ PRIOR FILING DATE: 1998-03-25
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/ PRIOR APPLICATION NUMBER: 60/079664
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079689
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/ PRIOR APPLICATION NUMBER: 60/079663
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/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079786
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079920
/ PRIOR FILING DATE: 1998-03-30
/ PRIOR APPLICATION NUMBER: 60/079923
/ PRIOR FILING DATE: 1998-03-30
/ PRIOR APPLICATION NUMBER: 60/080105
/ PRIOR FILING DATE: 1998-03-31
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/ PRIOR FILING DATE: 1998-04-08
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/ PRIOR FILING DATE: 1998-04-08
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PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627

Query Match 0.3% Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 820 TGGAGGAGGAGCAGCAGCGGA 841
Db 22 TGGAGGAGGAGCAGCAGCGGA 1
RESULT 492
US-10-143-028A-573/c
Sequence 573, Application US/10143028A
Publication No. US20030180310A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavitt, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: F2630PIC37
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-143-028A-573

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAAAGGACACAGCGCA 841
DB 22 TGGAGGAAAGGACGAGAGCA 1

RESULT 493
US-10-143-029A-573/c
Sequence 573, Application US/10143029A
Publication No. US20030180311A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlgen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: #2630P1C54
CURRENT APPLICATION NUMBER: US/10/143,029A

CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08

PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/08366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339

PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAGGAGCAGCGGCA 841
DB 22 TGGAGGAGGAGGAGGAGGA 1

RESULT 494
US-10-145-089A-573/C
Sequence 573, Application US/10145089A
Publication No. US20030180867A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Peoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PLC31
CURRENT APPLICATION NUMBER: US/10145,089A
CURRENT FILING DATE: 2002-09-04
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03

```
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 573
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-089A-573
```

```
Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      820 TGGAGGAGAGGACACAGCGCA 841
Db      22 TGGAGGAGAGGACAGCGAGAGA 1
```

RESULT 495

```
US-10-165-067A-573/c
/ Sequence 573, Application US/10165067A
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napiet, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC42
/ CURRENT APPLICATION NUMBER: US/10/165,067A
/ PRIOR FILING DATE: 2001-10-19
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
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```
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 573
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-067A-573
```

```
Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      820 TGGAGGAGAGGACACAGCGCA 841
Db      22 TGGAGGAGAGGACAGCGAGAGA 1
```

RESULT 496

```
US-10-145-017A-573/c
/ Sequence 573, Application US/10145017A
/ Publication No. US20030186365A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napiet, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC32
/ CURRENT APPLICATION NUMBER: US/10/145,017A
/ PRIOR FILING DATE: 2001-10-19
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```

; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-017A-573
```

```

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      820 TGGAGGAGGAGGACGACGCGCA 841
Db      22 TGGAGGAGGAGGAGGACGAGGAGA 1
```

```

RESULT 497
US-10-164-728A-573/C
; Sequence 573, Application US/10164728A
; Publication No. US20030186368A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
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```

; FILE REFERENCE: P2630P1C43
; CURRENT APPLICATION NUMBER: US/10/164,728A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/07450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-728A-573
```

```

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      820 TGGAGGAGGAGGACGACGCGCA 841
Db      22 TGGAGGAGGAGGAGGAGGAGA 1
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```

RESULT 498
US-10-013-926A-573/C
; Sequence 573, Application US/10013926A
; Publication No. US20030187241A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
```

```
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC80
/ CURRENT FILING DATE: 2002-09-10
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 573
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-926A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAGGAGCACAGCGGA 841
DB      22 TGGAGGAGGAGCGAGCGAGAGA 1

RESULT 499
US-10-165-247A-573/c
/ Sequence 573, Application US/10165247A
/ Publication No. US20030190321A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Guirney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
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/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mackey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC41
/ CURRENT FILING DATE: 2001-10-19
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 573
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-247A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAGGAGCACAGCGGA 841
DB      22 TGGAGGAGGAGCGAGCGAGAGA 1

RESULT 500
US-10-145-124A-573/c
/ Sequence 573, Application US/10145124A
/ Publication No. US20030190701A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Guirney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
```

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: APPLICANT: Paoni, Nicholas F.
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Shelton, David L.
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Williams, P. Mickey
: APPLICANT: Wood, William I.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: TITLE OF INVENTION: Acids Encoding the Same
: FILE REFERENCE: P2630PIC4
: CURRENT APPLICATION NUMBER: US/10/145,124A
: CURRENT FILING DATE: 2002-08-30
: PRIOR APPLICATION NUMBER: 09/918585
: PRIOR FILING DATE: 2001-07-30
: PRIOR APPLICATION NUMBER: 60/062250
: PRIOR FILING DATE: 1997-10-17
: PRIOR APPLICATION NUMBER: 60/064249
: PRIOR FILING DATE: 1997-11-03
: PRIOR APPLICATION NUMBER: 60/065311
: PRIOR FILING DATE: 1997-11-13
: PRIOR APPLICATION NUMBER: 60/066364
: PRIOR FILING DATE: 1997-11-21
: PRIOR APPLICATION NUMBER: 60/077450
: PRIOR FILING DATE: 1998-03-10
: PRIOR APPLICATION NUMBER: 60/077632
: PRIOR FILING DATE: 1998-03-11
: PRIOR APPLICATION NUMBER: 60/077641
: PRIOR FILING DATE: 1998-03-11
: PRIOR APPLICATION NUMBER: 60/077649
: PRIOR FILING DATE: 1998-03-11
: PRIOR APPLICATION NUMBER: 60/077791
: PRIOR FILING DATE: 1998-03-12
: Remaining Prior Application data removed - See File Wrapper or PALM.
: NUMBER OF SEQ ID NOS: 624
: SEQ ID NO 573
: LENGTH: 24
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetic oligonucleotide probe
: US-10-145-124A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAAGAGCACACGGCGA 841
Db      22 TGGAGGAAGAGCGACGAGGAGA 1

RESULT 501
: US-10-160-502A-573/C
: Sequence 573, Application US/10160502A
: Publication No. US20030190703A1
: GENERAL INFORMATION:
: APPLICANT: Ashkenazi, Avi
: APPLICANT: Baker Kevin P.
: APPLICANT: Botstein, David
: APPLICANT: Deenoyers, Luc
: APPLICANT: Eaton, Dan
: APPLICANT: Ferrara, Napoleon
: APPLICANT: Flivaeroff, Ellen
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Gerber, Hanspeter
: APPLICANT: Gerritsen, Mary E.
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth J
: APPLICANT: Kljavin, Ivar J.
```

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: APPLICANT: Kuo, Sophia S.
: APPLICANT: Napier, Mary A.
: APPLICANT: Pan, James
: APPLICANT: Paoni, Nicholas F.
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Shelton, David L.
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Williams, P. Mickey
: APPLICANT: Wood, William I.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: TITLE OF INVENTION: Acids Encoding the Same
: FILE REFERENCE: P2630PIC57
: CURRENT APPLICATION NUMBER: US/10/160,502A
: CURRENT FILING DATE: 2001-10-19
: PRIOR APPLICATION NUMBER: 09/918585
: PRIOR FILING DATE: 2001-07-30
: PRIOR APPLICATION NUMBER: 60/062250
: PRIOR FILING DATE: 1997-10-17
: PRIOR APPLICATION NUMBER: 60/064249
: PRIOR FILING DATE: 1997-11-03
: PRIOR APPLICATION NUMBER: 60/065311
: PRIOR FILING DATE: 1997-11-13
: PRIOR APPLICATION NUMBER: 60/066364
: PRIOR FILING DATE: 1997-11-21
: PRIOR APPLICATION NUMBER: 60/077450
: PRIOR FILING DATE: 1998-03-10
: PRIOR APPLICATION NUMBER: 60/077632
: PRIOR FILING DATE: 1998-03-11
: PRIOR APPLICATION NUMBER: 60/077641
: PRIOR FILING DATE: 1998-03-11
: PRIOR APPLICATION NUMBER: 60/077649
: PRIOR FILING DATE: 1998-03-11
: PRIOR APPLICATION NUMBER: 60/077791
: PRIOR FILING DATE: 1998-03-12
: Remaining Prior Application data removed - See File Wrapper or PALM.
: NUMBER OF SEQ ID NOS: 624
: SEQ ID NO 573
: LENGTH: 24
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetic oligonucleotide probe
: US-10-160-502A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAAGAGCACACGGCGA 841
Db      22 TGGAGGAAGAGCGACGAGGAGA 1

RESULT 502
: US-10-117-109-25/C
: Sequence 25, Application US/10117109
: Publication No. US20030191056A1
: GENERAL INFORMATION:
: APPLICANT: Amgen Inc.
: APPLICANT: Walker, Kenneth
: APPLICANT: Xiong, Fei
: TITLE OF INVENTION: Use of Transthyretin Peptide/Protein Fusions to Increase the Ser
: FILE REFERENCE: A-813
: CURRENT APPLICATION NUMBER: US/10/117,109
: CURRENT FILING DATE: 2002-04-04
: NUMBER OF SEQ ID NOS: 42
: SOFTWARE: Patent version 3.0
: SEQ ID NO 25
: LENGTH: 24
: TYPE: DNA
: ORGANISM: Homo sapiens
: US-10-117-109-25
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Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3032 GGAGTTGACAGGCCACTTCCAG 3053
DB 24 GGAGATGCCAAGACACTTCCAG 3

RESULT 503

US-10-117-109-26
Sequence 26, Application US/10117109
Publication No. US20030191056A1
GENERAL INFORMATION:
APPLICANT: Amgen Inc.
APPLICANT: Walker, Kenneth
APPLICANT: Xiong, Fei
TITLE OF INVENTION: Use of Transhydrolytic Peptide/Protein Fusions to Increase the Seru
FILE REFERENCE: A-813
CURRENT APPLICATION NUMBER: US/10/117,109
CURRENT FILING DATE: 2002-04-04
NUMBER OF SEQ ID NOS: 42
SOFTWARE: PatentIn version 3.0
SEQ ID NO 26
LENGTH: 24
TYPE: DNA
ORGANISM: Homo sapiens
US-10-117-109-26

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3032 GGAGTTGACAGGCCACTTCCAG 3053
DB 1 GGAGATGCCAAGACACTTCCAG 22

RESULT 504

US-10-145-087A-573/C
Sequence 573, Application US/10145087A
Publication No. US20030194410A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlisen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James J.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630PIC47
CURRENT APPLICATION NUMBER: US/10/145,087A
CURRENT FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
US-10-145-087A-573

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAGAGGACACAGCGGA 841
DB 22 TGGAGGAGAGGACACAGCGGA 1

RESULT 505

US-10-017-086A-573/C
Sequence 573, Application US/10017086A
Publication No. US20030194744A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlisen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey

```

; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C64
; CURRENT APPLICATION NUMBER: US/10/017,086A
; PRIOR FILING DATE: 2002-04-30
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-086A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      820 TGGAGGAGGAGCAGCAGCGCA 841
Db      22 TGGAGGAGGAGGAGCAGCAGGAGA 1

RESULT 506
US-10-164-829A-573/c
; Sequence 573, Application US/10164829A
; Publication No. US20030194780A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C28
; CURRENT APPLICATION NUMBER: US/10/164,829A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/07450
```

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; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-829A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      820 TGGAGGAGGAGCAGCAGCGCA 841
Db      22 TGGAGGAGGAGGAGCAGCAGGAGA 1

RESULT 507
US-10-164-929A-573/c
; Sequence 573, Application US/10164929A
; Publication No. US20030194781A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C36
; CURRENT APPLICATION NUMBER: US/10/164,929A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
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/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 573
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-929A-573

Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy      820 TGGAGGAAAGAGACACAGCCGA 841
Db      22 TGGAGGAAAGGAGACGAGGAGCA 1

RESULT 508
US-10-407-078-25/C
/ Sequence 25, Application US/10407078
/ Publication No. US2003019515A1
/ GENERAL INFORMATION:
/ APPLICANT: Walker, Kenneth
/ APPLICANT: Xiong, Fei
/ TITLE OF INVENTION: Use of Transthyretin Peptide/Protein Fusions to Increase the Seru
/ FILE REFERENCE: A-813A
/ CURRENT APPLICATION NUMBER: US/10/407,078
/ CURRENT FILING DATE: 2003-04-03
/ PRIOR APPLICATION NUMBER: A-813
/ PRIOR FILING DATE: 2002-04-04
/ NUMBER OF SEQ ID NOS: 75
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 25
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-407-078-25

Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy      3032 GGAGTTGACAGGCCCACTTCAG 3053
Db      24 GGAGATGCCAAGACATTCAG 3

RESULT 509
US-10-407-078-26
/ Sequence 26, Application US/10407078
/ Publication No. US2003019515A1
/ GENERAL INFORMATION:
/ APPLICANT: Walker, Kenneth
/ APPLICANT: Xiong, Fei
/ TITLE OF INVENTION: Use of Transthyretin Peptide/Protein Fusions to Increase the Seru
/ FILE REFERENCE: A-813A
/ CURRENT APPLICATION NUMBER: US/10/407,078
/ CURRENT FILING DATE: 2003-04-03
/ PRIOR APPLICATION NUMBER: A-813
```

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/ PRIOR FILING DATE: 2002-04-04
/ NUMBER OF SEQ ID NOS: 75
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 26
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-407-078-26

Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy      3032 GGAGTTGACAGGCCCACTTCAG 3053
Db      1 GGAGATGCCAAGACATTCAG 22

RESULT 510
US-10-013-922A-573/C
/ Sequence 573, Application US/10013922A
/ Publication No. US20030195345A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gertsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Guirey, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C81
/ CURRENT APPLICATION NUMBER: US/10/013,922A
/ CURRENT FILING DATE: 2001-10-25
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
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[illegible]

;; PRIOR APPLICATION NUMBER: 60/085697
Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 820 TGGAGGAAGAGGACACAGCGGA 841
Db 22 TGGAGGAAGAGGACGCGAGGAGA 1
RESULT 511
US-10-020-445A-573/c
; Sequence 573, Application US/10020445A
; Publication No. US2003018994A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Auecin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C74
; CURRENT APPLICATION NUMBER: US/10/020,445A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936

;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/078910
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/078939
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/079294
;; PRIOR FILING DATE: 1998-03-25
;; PRIOR APPLICATION NUMBER: 60/079656
;; PRIOR FILING DATE: 1998-03-26
;; PRIOR APPLICATION NUMBER: 60/079664
;; PRIOR FILING DATE: 1998-03-27
;; PRIOR APPLICATION NUMBER: 60/079689
;; PRIOR FILING DATE: 1998-03-27
;; PRIOR APPLICATION NUMBER: 60/079663
;; PRIOR FILING DATE: 1998-03-27
;; PRIOR APPLICATION NUMBER: 60/079728
;; PRIOR FILING DATE: 1998-03-27
;; PRIOR APPLICATION NUMBER: 60/079786
;; PRIOR FILING DATE: 1998-03-27
;; PRIOR APPLICATION NUMBER: 60/079920
;; PRIOR FILING DATE: 1998-03-30
;; PRIOR APPLICATION NUMBER: 60/079923
;; PRIOR FILING DATE: 1998-03-30
;; PRIOR APPLICATION NUMBER: 60/080105
;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/080107
;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/080165
;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/080194
;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/080327
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/080328
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/080333
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/080334
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/081070
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081049
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081071
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081195
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081203
;; PRIOR FILING DATE: 1998-04-09
;; PRIOR APPLICATION NUMBER: 60/081229
;; PRIOR FILING DATE: 1998-04-09
;; PRIOR APPLICATION NUMBER: 60/081955
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081817
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081819
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081952
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081838
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/082568
;; PRIOR FILING DATE: 1998-04-21
;; PRIOR APPLICATION NUMBER: 60/082569
;; PRIOR FILING DATE: 1998-04-21
;; PRIOR APPLICATION NUMBER: 60/082704
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082804
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082700
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082797
;; PRIOR FILING DATE: 1998-04-22

PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

820 TGGAGCAAGGACGACGAGCA 841

Db 22 TGGAGCAAGGACGACGAGCA 1

RESULT 512

US-10-013-924A-573/c
Sequence 573, Application US/10013924A

Publication No. US20030199021A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Balton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavini, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tuma, Daniel
APPLICANT: Williams, P. Mickey
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C76
CURRENT APPLICATION NUMBER: US/10/013,924A
CURRENT FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-924A-573

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 820 TGGAGGAAGGACACAGCGGA 841
Db 22 TGGAGGAAGGACGAGGAGA 1

RESULT 513

US-10-017-084A-573/C
; Sequence 573, Application US/10017084A
; Publication No. US20030203402A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC66
; CURRENT APPLICATION NUMBER: US/10/017,084A
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION REMOVED - See File Wrapper or PALM
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-084A-573

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAAGGACACAGCGGA 841
Db 22 TGGAGGAAGGACGAGGAGA 1

RESULT 514

US-10-145-016A-573/C
; Sequence 573, Application US/10145016A
; Publication No. US20030203433A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC52
; CURRENT APPLICATION NUMBER: US/10/145,016A
; PRIOR FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-016A-573

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAAGGACACAGCGGA 841
Db 22 TGGAGGAAGGACGAGGAGA 1

RESULT 515

US-10-145-088A-573/C
; Sequence 573, Application US/10145088A
; Publication No. US20030203434A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.

```

: APPLICANT: Botstein, David
: APPLICANT: Desnovers, Luc
: APPLICANT: Eaton, Dan
: APPLICANT: Ferrara, Napoleon
: APPLICANT: Filvaroff, Ellen
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Gerber, Hanspeter
: APPLICANT: Gerltzen, Mary E.
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, J. Christopher
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth J.
: APPLICANT: Kijavlin, Ivar J.
: APPLICANT: Kuo, Sophia S.
: APPLICANT: Napier, Mary A.
: APPLICANT: Pan, James
: APPLICANT: Paoni, Nicholas F.
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Shelton, David L.
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Williams, P. Mickey
: APPLICANT: Wood, William I.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: TITLE OF INVENTION: Acids Encoding the Same
: FILE REFERENCE: P2630PIC49
: CURRENT APPLICATION NUMBER: US/10/145,088A
: CURRENT FILING DATE: 2002-10-10
: PRIOR APPLICATION NUMBER: 09/918585
: PRIOR FILING DATE: 2001-07-30
: PRIOR APPLICATION NUMBER: 60/062250
: PRIOR FILING DATE: 1997-10-17
: PRIOR APPLICATION NUMBER: 60/064249
: PRIOR FILING DATE: 1997-11-03
: PRIOR APPLICATION NUMBER: 60/065311
: PRIOR FILING DATE: 1997-11-13
: PRIOR APPLICATION NUMBER: 60/066364
: PRIOR FILING DATE: 1997-11-21
: PRIOR APPLICATION NUMBER: 60/077450
: PRIOR FILING DATE: 1998-03-10
: PRIOR APPLICATION NUMBER: 60/077632
: PRIOR FILING DATE: 1998-03-11
: PRIOR APPLICATION NUMBER: 60/077641
: PRIOR FILING DATE: 1998-03-11
: PRIOR APPLICATION NUMBER: 60/077649
: PRIOR FILING DATE: 1998-03-11
: PRIOR APPLICATION NUMBER: 60/077791
: PRIOR FILING DATE: 1998-03-12
: Remaining Prior Application data removed - See File Wrapper or PALM.
: NUMBER OF SEQ ID NOS: 624
: SEQ ID NO 573
: LENGTH: 24
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-088A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAAGGACACACGCGCA 841
Db      22 TGGAGGAAGGACGAGGAGAGA 1

RESULT 516
US-10-145-092A-573/c
: Sequence 573, Application US/10145092A
: Publication No. US20030203435A1
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: GENERAL INFORMATION:
: APPLICANT: Ashkenazi, Avi
: APPLICANT: Baker Kevin P.
: APPLICANT: Botstein, David
: APPLICANT: Desnovers, Luc
: APPLICANT: Eaton, Dan
: APPLICANT: Ferrara, Napoleon
: APPLICANT: Filvaroff, Ellen
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Gerber, Hanspeter
: APPLICANT: Gerltzen, Mary E.
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, J. Christopher
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth J.
: APPLICANT: Kijavlin, Ivar J.
: APPLICANT: Kuo, Sophia S.
: APPLICANT: Napier, Mary A.
: APPLICANT: Pan, James
: APPLICANT: Paoni, Nicholas F.
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Shelton, David L.
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Williams, P. Mickey
: APPLICANT: Wood, William I.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: TITLE OF INVENTION: Acids Encoding the Same
: FILE REFERENCE: P2630PIC45
: CURRENT APPLICATION NUMBER: US/10/145,092A
: CURRENT FILING DATE: 2002-10-10
: PRIOR APPLICATION NUMBER: 09/918585
: PRIOR FILING DATE: 2001-07-30
: PRIOR APPLICATION NUMBER: 60/062250
: PRIOR FILING DATE: 1997-10-17
: PRIOR APPLICATION NUMBER: 60/064249
: PRIOR FILING DATE: 1997-11-03
: PRIOR APPLICATION NUMBER: 60/065311
: PRIOR FILING DATE: 1997-11-13
: PRIOR APPLICATION NUMBER: 60/066364
: PRIOR FILING DATE: 1997-11-21
: PRIOR APPLICATION NUMBER: 60/077450
: PRIOR FILING DATE: 1998-03-10
: PRIOR APPLICATION NUMBER: 60/077632
: PRIOR FILING DATE: 1998-03-11
: PRIOR APPLICATION NUMBER: 60/077641
: PRIOR FILING DATE: 1998-03-11
: PRIOR APPLICATION NUMBER: 60/077649
: PRIOR FILING DATE: 1998-03-11
: PRIOR APPLICATION NUMBER: 60/077791
: PRIOR FILING DATE: 1998-03-12
: Remaining Prior Application data removed - See File Wrapper or PALM.
: NUMBER OF SEQ ID NOS: 624
: SEQ ID NO 573
: LENGTH: 24
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-092A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAAGGACACACGCGCA 841
Db      22 TGGAGGAAGGACGAGGAGAGA 1

RESULT 517
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US-10-145-129A-573/c
; Sequence 573, Application US/10145129A
; Publication No. US20030203436A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyer, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC51
; CURRENT APPLICATION NUMBER: US/10/145,129A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-129A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      820 TGGAGCAAGAGGACACACGGCGA 841
DB      22 TGGAGCAAGAGGACACGAGGAGA 1
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RESULT 518
US-10-165-038A-573/c
; Sequence 573, Application US/10165038A
; Publication No. US20030203441A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyer, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC29
; CURRENT APPLICATION NUMBER: US/10/165,038A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-038A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

QY 820 TGGAGGAAAGGACACAGCGCA 841
|||||
Db 22 TGGAGGAAAGGACGAGGAGA 1

RESULT 519
US-10-165-353A-573/C
; Sequence 573, Application US/10165353A
; Publication No. US20030203442A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavrin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C40
; CURRENT APPLICATION NUMBER: US/10/165,353A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-353A-573
Query Match 0.3%, Score 15.6; DB 1; Length 24;

Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Caps 0;

QY 820 TGGAGGAAAGGACACAGCGCA 841
|||||
Db 22 TGGAGGAAAGGACGAGGAGA 1

RESULT 520
US-10-167-600-573/C
; Sequence 573, Application US/10167600
; Publication No. US20030203443A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavrin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C35
; CURRENT APPLICATION NUMBER: US/10/167,600
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe

SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-172-039A-573

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 820 TGGAGGAAGGACACAGCGCA 841
Db 22 TGGAGGAAGGACGCGAGAGA 1

RESULT 523
US-10-028-573/c
Sequence 573, Application US/10210028
Publication No. US20030203446A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerlitsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C52
CURRENT APPLICATION NUMBER: US/10/210.028
CURRENT FILING DATE: 2001-10-18
PRIORITY APPLICATION NUMBER: 09/918585
PRIORITY FILING DATE: 2001-07-30
PRIORITY APPLICATION NUMBER: 60/062250
PRIORITY FILING DATE: 1997-10-17
PRIORITY APPLICATION NUMBER: 60/064249
PRIORITY FILING DATE: 1997-11-03
PRIORITY APPLICATION NUMBER: 60/065311
PRIORITY FILING DATE: 1997-11-13
PRIORITY APPLICATION NUMBER: 60/066364
PRIORITY FILING DATE: 1997-11-21
PRIORITY APPLICATION NUMBER: 60/074450
PRIORITY FILING DATE: 1998-03-10
PRIORITY APPLICATION NUMBER: 60/077632
PRIORITY FILING DATE: 1998-03-11
PRIORITY APPLICATION NUMBER: 60/077641
PRIORITY FILING DATE: 1998-03-11
PRIORITY APPLICATION NUMBER: 60/077649
PRIORITY FILING DATE: 1998-03-11
PRIORITY APPLICATION NUMBER: 60/077791

PRIOR FILING DATE: 1998-03-12
Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-210-028-573

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 820 TGGAGGAAGGACACAGCGCA 841
Db 22 TGGAGGAAGGACGCGAGAGA 1

RESULT 524
US-10-017-085A-573/c
Sequence 573, Application US/10017085A
Publication No. US20030204055A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerlitsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C73
CURRENT APPLICATION NUMBER: US/10/017.085A
CURRENT FILING DATE: 2002-04-30
PRIORITY APPLICATION NUMBER: 60/062250
PRIORITY FILING DATE: 1997-10-17
PRIORITY APPLICATION NUMBER: 60/064249
PRIORITY FILING DATE: 1997-11-03
PRIORITY APPLICATION NUMBER: 60/065311
PRIORITY FILING DATE: 1997-11-13
PRIORITY APPLICATION NUMBER: 60/066364
PRIORITY FILING DATE: 1997-11-21
PRIORITY APPLICATION NUMBER: 60/074450
PRIORITY FILING DATE: 1998-03-10
PRIORITY APPLICATION NUMBER: 60/077632
PRIORITY FILING DATE: 1998-03-11
PRIORITY APPLICATION NUMBER: 60/077641
PRIORITY FILING DATE: 1998-03-11
PRIORITY APPLICATION NUMBER: 60/077649
PRIORITY FILING DATE: 1998-03-11
PRIORITY APPLICATION NUMBER: 60/077791

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 820 TGGAGGAAGGACACAGCGCA 841
Db 22 TGGAGGAAGGACGCGAGAGA 1

Db 22 TGGAGGAAGGGGACGAGAGAGA 1

RESULT 525

US-10-013-916A-573/C

Sequence 573, Application US/10013916A

Publication No. US20030206915A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kijavlin, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2630P1C79

CURRENT APPLICATION NUMBER: US/10/013,916A

CURRENT FILING DATE: 2002-04-30

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 624

SEQ ID NO 573

LENGTH: 24

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-013-916A-573

Query Match 0.3%; Score 15.6; DB 1; Length 24;

Best Local Similarity 81.8%; Pred. No. 7.3e+02;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAAGGAGCACAGCGCA 841

Db 22 TGGAGGAAGGGGACGAGAGAGA 1

RESULT 526

US-10-143-026B-573/C

Sequence 573, Application US/10143026B

Publication No. US20030207803A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kijavlin, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2630P1C58

CURRENT APPLICATION NUMBER: US/10/143,026B

CURRENT FILING DATE: 2003-05-09

Prior Application Number: 09/918585

Prior Filing Date: 2001-07-30

Prior Application Number: 60/062250

Prior Filing Date: 1997-10-17

Prior Application Number: 60/064249

Prior Filing Date: 1997-11-03

Prior Application Number: 60/065311

Prior Filing Date: 1997-11-13

Prior Application Number: 60/066364

Prior Filing Date: 1997-11-21

Prior Application Number: 60/077450

Prior Filing Date: 1998-03-10

Prior Application Number: 60/077632

Prior Filing Date: 1998-03-11

Prior Application Number: 60/077641

Prior Filing Date: 1998-03-11

Prior Application Number: 60/077649

Prior Filing Date: 1998-03-11

Prior Application Number: 60/077791

Prior Filing Date: 1998-03-12

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 624

SEQ ID NO 573

LENGTH: 24

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-143-026B-573

Query Match 0.3%; Score 15.6; DB 1; Length 24;

Best Local Similarity 81.8%; Pred. No. 7.3e+02;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAAGGAGCACAGCGCA 841

Db 22 TGGAGGAAGGGGACGAGAGAGA 1

RESULT 527

US-10-013-918A-573/C

Sequence 573, Application US/10013918A

Publication No. US20030211091A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gettsen, Mary B.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OR INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C7
CURRENT APPLICATION NUMBER: US/10/013,918A
CURRENT FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923

PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083455
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29

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; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085562
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/08579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
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Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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QY      820 TGGAGGAGAGGACACAGCGCA 841
Db      22 TGGAGGAGGAGCGACGAGAGAGA 1
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RESULT 528
US-10-162-521A-573/c

; Sequence 573, Application US/10162521A
; Publication No. US20030211092A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Flivaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.

```
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James/  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630PIC55  
; CURRENT FILING DATE: US/10/162,521A  
; PRIOR FILING DATE: 2002-11-29  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 624  
; SEQ ID NO 573  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe  
; US-10-162-521A-573
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Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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QY      820 TGGAGGAGAGGACACAGCGCA 841
Db      22 TGGAGGAGGAGCGACGAGAGAGA 1
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RESULT 529

US-10-013-928A-573/c

; Sequence 573, Application US/10013928A

; Publication No. US20030215905A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Flivaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter

```

; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC6
; CURRENT APPLICATION NUMBER: US/10/013,928A
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/074450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-928A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAAGGACACAGCGCA 841
DB      22 TGGAGGAAGGAGCGAGGAGA 1

RESULT 530
US-10-162-522A-573/C
; Sequence 573, Application US/10162522A
; Publication No. US20030215908A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Flivarov, Ellen
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; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC56
; CURRENT APPLICATION NUMBER: US/10/162,522A
; PRIOR FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/074450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-162-522A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAAGGACACAGCGCA 841
DB      22 TGGAGGAAGGAGCGAGGAGA 1

RESULT 531
US-10-013-923A-573/C
; Sequence 573, Application US/10013923A
; Publication No. US20030216305A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
```

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/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavini, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC87
/ CURRENT APPLICATION NUMBER: US/10/013,923A
/ CURRENT FILING DATE: 2001-10-25
/ Prior Application removed - See Palm or File Wrapper
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 573
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-923A-573

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Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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QY      820 TGGAGGAAAGGACACAGCGCA 841
Db      22 TGGAGGAAAGGACACAGCGAGAGA 1

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RESULT 532
US-10-013-925A-573/c
/ Sequence 573, Application US/10013925A
/ Publication No. US20030216560A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavini, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.

```

```

/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC83
/ CURRENT APPLICATION NUMBER: US/10/013,925A
/ CURRENT FILING DATE: 2002-05-03
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 573
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-925A-573

```

```

Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

QY      820 TGGAGGAAAGGACACAGCGCA 841
Db      22 TGGAGGAAAGGACACAGCGAGAGA 1

```

```

RESULT 533
US-10-013-927A-573/c
/ Sequence 573, Application US/10013927A
/ Publication No. US20030216561A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavini, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC88
/ CURRENT APPLICATION NUMBER: US/10/013,927A
/ CURRENT FILING DATE: 2001-10-25
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 573
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence

```

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; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-927A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAAAGGACACAGCGCA 841
      |||||
Db      22 TGGAGGAAAGGACGAGGAGA 1

RESULT 534
US-10-443-694-124/C
; Sequence 124, Application US/10443694
; Publication No. US2004001846A1
; GENERAL INFORMATION:
; APPLICANT: Israeli, Ron S.
; APPLICANT: Heaton, Warren D.W.
; APPLICANT: Fair, William R.
; APPLICANT: Overfelli, Quatnek
; APPLICANT: Pinto, John
; TITLE OF INVENTION: PROSTATE-SPECIFIC MEMBRANE ANTIGEN AND USES THEREOF
; FILE REFERENCE: 1769/41426-GB
; CURRENT APPLICATION NUMBER: US/10/443,694
; PRIOR FILING DATE: 1998-05-21
; PRIOR APPLICATION NUMBER: US 08/705,477
; PRIOR FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 124
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-443-694-124

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4780 GGCTTTCAGTCTTTGGTTGG 4801
      |||||
Db      23 GGCTTTTCAGCTTTTGTG 2

RESULT 535
US-10-145-093A-573/C
; Sequence 573, Application US/10145093A
; Publication No. US20040005312A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
```

```
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2610P1C48
; CURRENT APPLICATION NUMBER: US/10/145,093A
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-093A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAAAGGACACAGCGCA 841
      |||||
Db      22 TGGAGGAAAGGACGAGGAGA 1

RESULT 536
US-10-013-919A-573/C
; Sequence 573, Application US/10013919A
; Publication No. US20040005657A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
```

```

; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C85
; CURRENT APPLICATION NUMBER: US/10/013,919A
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-013-919A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAGGAGGACACAGCGCA 841
Db      22 TGGAGGAGGAGGAGCGAGGAGAGA 1

RESULT 537
US-10-013-920A-573/c
; Sequence 573, Application US/10013920A
; Publication No. US20040006219A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Geo, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hallan, Kenneth J.

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; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C78
; CURRENT APPLICATION NUMBER: US/10/013,920A
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-013-920A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAGGAGGACACAGCGCA 841
Db      22 TGGAGGAGGAGGAGCGAGGAGAGA 1

RESULT 538
US-10-449-795-7
; Sequence 7, Application US/10449795
; Publication No. US20040018531A1
; GENERAL INFORMATION:
; APPLICANT: Cariona Jamieson
; APPLICANT: Laurie Alles
; APPLICANT: Tamishcha Reya
; APPLICANT: Irving Weissman
; TITLE OF INVENTION: METHODS OF IDENTIFYING AND ISOLATING
; FILE OF INVENTION: STEM CELLS AND CANCER STEM CELLS
; FILE REFERENCE: STAN-270
; CURRENT APPLICATION NUMBER: US/10/449,795
; PRIOR FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: 60/384,529
; PRIOR FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: 60/431,655
; PRIOR FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-449-795-7

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2826 GAGGGGAGCTGCTGTGAAGT 2847
Db      2  GAGTGGAGTGTCTGTGAAGT 23

RESULT 539
US-10-164-749A-573/c
; Sequence 573, Application US/10164749A

```

```
Publication No. US20040029218A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavini, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC80
CURRENT APPLICATION NUMBER: US/10/164,749A
PRIOR FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-749A-573
```

```
Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY 820 TGGAGGAAGGAGCAGACGCGCA 841
|||||
DB 22 TGGAGGAAGGAGCAGACGCGCA 1

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RESULT 540
US-10-013-917A-573/c
Sequence 573, Application US/10013917A
Publication No. US20040063921A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavini, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC82
CURRENT APPLICATION NUMBER: US/10/013,917A
PRIOR FILING DATE: 2001-10-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-917A-573
```

```
Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 820 TGGAGGAAGGAGCAGACGCGCA 841  
|||||  
DB 22 TGGAGGAAGGAGCAGACGCGCA 1
```

RESULT 541
US-10-665-460A-30/c
Sequence 30, Application US/10665460A
Publication No. US20040096934A1
GENERAL INFORMATION:
APPLICANT: Freysinet, Georges
APPLICANT: Rang, Cecile
APPLICANT: Frutos, Roger
TITLE OF INVENTION: Pepsin-sensitive modified Bacillus thuringiensis insecticidal
FILE REFERENCE: A35992-BCT-USA-A (072667.0191)
CURRENT APPLICATION NUMBER: US/10/665,460A
PRIOR FILING DATE: 2003-09-19
PRIOR APPLICATION NUMBER: PCT/FR02/00772
PRIOR FILING DATE: 2002-03-04
PRIOR APPLICATION NUMBER: FR 01/03691
PRIOR FILING DATE: 2001-03-19

```
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Artificial sequence description: mutant 18
US-10-665-460A-30
```

```
Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
Qy      4416 AATAATATATATATATATATA 4437
Db      23 AATRAAAATATATATATAAAAA 2
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```
RESULT 542
US-10-433-485A-29/c
; Sequence 29, Application US/10433485A
; Publication No. US20040131617A1
; GENERAL INFORMATION:
; APPLICANT: WHITE, Jay A.
; APPLICANT: PETKOVICH, P. Martin
; APPLICANT: JONES, Glenville
; APPLICANT: RAMSHAW, Heather
; TITLE OF INVENTION: P450RA1-2(P450 Cytochrome 26B), Encoding Nucleic Acid
; TITLE OF INVENTION: Molecules and Methods and Uses Thereof
; FILE REFERENCE: 11812-78
; CURRENT APPLICATION NUMBER: US/10/433,485A
; CURRENT FILING DATE: 2003-06-13
; PRIOR APPLICATION NUMBER: PCT/CA01/01805
; PRIOR FILING DATE: 2001-12-17
; PRIOR APPLICATION NUMBER: PCT/CA00/01493
; PRIOR FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 60/178,314
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/171,110
; PRIOR FILING DATE: 1999-12-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 29
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primers and probes
US-10-433-485A-29
```

```
Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
Qy      3787 AGGCGAGGCGCGCGCGGCGGA 3808
Db      22 AGGCGAGGCGCGAGGCGGCGGA 1
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```
RESULT 543
US-10-614-625-124/c
; Sequence 124, Application US/10614625
; Publication No. US20040198657A1
; GENERAL INFORMATION:
; APPLICANT: Heston, Warren D.W.
; APPLICANT: Querfelli, Onathek
; APPLICANT: Pinto, John
; TITLE OF INVENTION: PROSTATE-SPECIFIC MEMBRANE ANTIGEN AND USES THEREOF
; FILE REFERENCE: 1769/41426-GC
; CURRENT APPLICATION NUMBER: US/10/614,625
; CURRENT FILING DATE: 2003-07-02
; PRIOR APPLICATION NUMBER: US 10/433,694
```

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; PRIOR FILING DATE: 2003-05-21
; PRIOR APPLICATION NUMBER: US 08/705,477
; PRIOR FILING DATE: 1996-08-29
; PRIOR APPLICATION NUMBER: PCT/US96/02424
; PRIOR FILING DATE: 1996-02-23
; PRIOR APPLICATION NUMBER: US 08/466,381
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: US 08/470,735
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: US 08/394,152
; PRIOR FILING DATE: 1995-02-24
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 124
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-614-625-124
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```
Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      4780 GCGTTCTCAGTTCTTGTGCTTG 4801
Db      23 GCGTTTCAGCTCTTTGTGTAG 2
```

```
RESULT 544
US-09-866-108-1345
; Sequence 1345, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANX, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
```


PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 1345
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-1345

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 771 AGAAGGAAAACATGGG 787
Db 1 AAGAAGAAAAGATGGG 17

RESULT 545
US-09-866-108-1346
Sequence 1346, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 1346
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-1346

Query Match 0.3%; Score 15.4; DB 1; Length 17;

Best Local Similarity 94.1%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 772 AGAAGGAAAACATGGG 788
Db 1 AAGAAGAAAAGATGGG 17

RESULT 546
US-09-866-108-1347
Sequence 1347, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 1347
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-1347

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 773 GAAGGAAAACATGGGC 789
Db 1 GAAGGAAAAGATGGGC 17

RESULT 547
US-09-866-108-8198/C

Sequence 8198, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: CU Yizhong
APPLICANT: UT, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: A60MCA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecmca Sequence Listing Engine
SEQ ID NO 8198
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-8198

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3873 ATCAAGCTTCAGATC 3889
Db 17 ATCAAGCTTCAGATC 1

RESULT 548
US-09-263-959-488
Sequence 488, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMaesters, David D.
REGISTRATION NUMBER: 33,963
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 488:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-488

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTTCTCTCT 287
Db 1 TCTCTCTCTCTCTCT 17

RESULT 549
US-09-263-959-576
Sequence 576, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMaesters, David D.
REGISTRATION NUMBER: 33,963
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 576:
SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-576

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 271 TCTCTCTCTCTCTCT 287
Db 1 TCTCTCTCTCTCTCT 17

RESULT 550
US-09-263-959-584
Sequence 584, Application US/09263959
Patent No. US20020150891A1

GENERAL INFORMATION:

APPLICANT: Hood, Leroy E.

APPLICANT: Rowen, Lee

APPLICANT: Koop, Ben F.

TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI

NUMBER OF SEQUENCES: 1279

CORRESPONDENCE ADDRESS:

ADDRESS: Seed and Berry LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: US

ZIP: 98104-7092

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/263,959

FILING DATE: 05-MAR-1999

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: McMaisters, David D.

REGISTRATION NUMBER: 33,963

REFERENCE/DOCKET NUMBER: 920010.426C2

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 584:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-263-959-584

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 270 CTCTCTCTCTCTCTCTC 286
Db 1 CTCTCTCTCTCTCTCTC 17

RESULT 551

US-09-792-818-482

Sequence 482, Application US/09792818

Publication No. US2003013806A1

GENERAL INFORMATION:

APPLICANT: Ribozyyme Pharmaceuticals, Inc.

APPLICANT: Jarvis, Thale

APPLICANT: Von Carlowitz, Ira

APPLICANT: MCSwigen, Jim
APPLICANT: Hamblin, Paul
APPLICANT: Ellis, Jonathan
TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
FILE REFERENCE: MEHB00-901-A (400/013)
CURRENT APPLICATION NUMBER: US/09/792,818
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 2304
SOFTWARE: Patent version 3.0
SEQ ID NO 482
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-792-818-482

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 882 GAGCTGCCCCCAGGAA 898
Db 1 GAGCTGCCCCCAGGAA 17

RESULT 552
US-10-062-458-15/C
Sequence 15, Application US/10062458
Publication No. US20030003550A1

GENERAL INFORMATION:

APPLICANT: NAKAMURA, JUN

APPLICANT: IZUI, HIROSHI

APPLICANT: MORIGUCHI, KAYO

APPLICANT: KAWASHIMA, HIROKI

APPLICANT: NAKAMATSU, TSUYOSHI

TITLE OF INVENTION: METHOD FOR PRODUCING L-GLUTAMINE BY FERMENTATION AND L-GLUTAMINE

FILE REFERENCE: 219181US0

CURRENT APPLICATION NUMBER: US/10/062,458

CURRENT FILING DATE: 2002-02-05

PRIOR APPLICATION NUMBER: JP 2001-28163

PRIOR FILING DATE: 2001-02-05

PRIOR APPLICATION NUMBER: JP 2001-162806

PRIOR FILING DATE: 2001-05-30

NUMBER OF SEQ ID NOS: 25

SOFTWARE: Patent version 3.1

SEQ ID NO 15

LENGTH: 17

TYPE: DNA

ORGANISM: ARTIFICIAL SEQUENCE

FEATURES:

OTHER INFORMATION: SYNTHETIC DNA

US-10-062-458-15

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2010 CGGATCAGCCACATCTG 2026
Db 17 CGGATCAGCCACACTG 1

RESULT 553

US-10-238-700-3/C

Sequence 3, Application US/10238700

Publication No. US20030153521A1

GENERAL INFORMATION:

APPLICANT: Ribozyyme Pharmaceuticals, Inc.

APPLICANT: MCSwigen, James

TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level

FILE REFERENCE: 400/057 (MEHB01-1158-A)

CURRENT APPLICATION NUMBER: US/10/238,700

```
/ CURRENT FILING DATE: 2002-09-18
/ PRIOR APPLICATION NUMBER: PCT/US 02/16840
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 60/318,471
/ PRIOR FILING DATE: 2001-09-10
/ NUMBER OF SEQ ID NOS: 4666
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 3
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-238-700-3

Query Match          0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3919 CGACGCCGCCGCCGCCG 3935
Db      17 CGCCGCCGCCGCCGCCG 1

RESULT 554
US-10-061-201-1079/c
/ Sequence 1079, Application US/10061201
/ Publication No. US20030166229A1
/ GENERAL INFORMATION:
/ APPLICANT: Shannon, Mark
/ TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
/ FILE REFERENCE: PB0178
/ CURRENT APPLICATION NUMBER: US/10/061,201
/ PRIOR FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/328,205
/ PRIOR FILING DATE: 2001-10-10
/ NUMBER OF SEQ ID NOS: 4162
/ SOFTWARE: Aecmca Sequence Listing Engine
/ SEQ ID NO 1079
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-061-201-1079

Query Match          0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      819 CTGAGAGAGAGAGAC 835
Db      17 CTGAGAGAGAGAGAC 1

RESULT 555
US-10-723-361-1345
/ Sequence 1345, Application US/10723361
/ Publication No. US20040137589A1
```

```
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ PRIOR FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263,6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See file Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmca Sequence Listing Engine
/ SEQ ID NO 1345
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-1345

Query Match          0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      771 AAGAAGAAACATGGG 787
Db      1 AAGAAGAAAGATGGG 17

RESULT 556
US-10-723-361-1346
/ Sequence 1346, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ PRIOR FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263,6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
```

```

; ORGANISM: Homo sapiens
; US-10-723-361-1347
;
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1346
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-1346

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 17;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 772 AGAAGAAACATGGGG 788
DB 1 AGAAGAAAGATGGGG 17

RESULT 557
US-10-723-361-1347
; Sequence 1347, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1347
; LENGTH: 17
; TYPE: DNA
```

```

; ORGANISM: Homo sapiens
; US-10-723-361-1347
;
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 8198
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-8198

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 17;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3873 ATCAAGCTTCGAGATC 3889
DB 17 ATCAAGCTTCGAGATC 1

RESULT 559
US-09-904-744-5/C
; Sequence 5, Application US/09904744
; Patent No. US20020150905A1
; GENERAL INFORMATION:
; APPLICANT: Barbara-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
```

```
/ APPLICANT: Castro, Stephanie
/ TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
/ FILE REFERENCE: B-73
/ CURRENT FILING DATE: 2001-07-13
/ PRIOR APPLICATION NUMBER: 09/437076
/ PRIOR FILING DATE: 1999-11-09
/ PRIOR APPLICATION NUMBER: 60/107828
/ PRIOR FILING DATE: 1998-11-10
/ NUMBER OF SEQ ID NOS: 6
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 5
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: synthesized
US-09-904-744-5
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      270 CTCTCTCTCTTCTCTC 286
Db      18 CTCTCTCTCTCTCTC 2
```

```
RESULT 560
US-09-904-744-6
/ Sequence 6, Application US/09904744
/ Patent No. US20020150905A1
/ GENERAL INFORMATION:
/ APPLICANT: Barbera-Guillem, Emilio
/ APPLICANT: Neilson, M. Bud
/ TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
/ FILE REFERENCE: B-73
/ CURRENT FILING DATE: 2001-07-13
/ PRIOR APPLICATION NUMBER: 09/437076
/ PRIOR FILING DATE: 1999-11-09
/ PRIOR APPLICATION NUMBER: 60/107828
/ PRIOR FILING DATE: 1998-11-10
/ NUMBER OF SEQ ID NOS: 6
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 6
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: synthesized
US-09-904-744-6
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      271 TCTCTCTCTTCTCTCT 287
Db      2 TCTCTCTCTCTCTCT 18
```

```
RESULT 561
US-10-292-198-93
/ Sequence 93, Application US/10292198
/ Publication No. US20030157654A1
/ GENERAL INFORMATION:
/ APPLICANT: SHEN, Ben
/ APPLICANT: LIU, Wen
/ TITLE OF INVENTION: BIOSYNTHESIS OF ENEDIYNE COMPOUNDS BY MANIPULATION OF C-1027 GENE
```

```
/ TITLE OF INVENTION: PATHWAY
/ FILE REFERENCE: 054030-0007
/ CURRENT APPLICATION NUMBER: US/10/292,198
/ CURRENT FILING DATE: 2003-03-14
/ PRIOR APPLICATION NUMBER: US 10/159,257
/ PRIOR FILING DATE: 2002-05-31
/ PRIOR APPLICATION NUMBER: US 09/478,188
/ PRIOR FILING DATE: 2000-01-05
/ PRIOR APPLICATION NUMBER: US 60/115,434
/ PRIOR FILING DATE: 1999-01-06
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 93
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Streptomyces globisporus
US-10-292-198-93
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2936 TGACCGCGAGCAATCCT 2952
Db      2 TGACCGCGAGCAATCCT 18
```

```
RESULT 562
US-10-159-257A-93
/ Sequence 93, Application US/10159257A
/ Publication No. US20040161828A1
/ GENERAL INFORMATION:
/ APPLICANT: SHEN, BEN
/ APPLICANT: LIU, WEN
/ APPLICANT: CHRISTENSON, STEVEN D.
/ TITLE OF INVENTION: GENE CLUSTER FOR PRODUCTION OF THE ENEDIYNE ANTITUMOR
/ FILE REFERENCE: 407T-896020US
/ CURRENT APPLICATION NUMBER: US/10/159,257A
/ CURRENT FILING DATE: 2002-05-31
/ PRIOR APPLICATION NUMBER: 09/478,188
/ PRIOR FILING DATE: 2000-01-05
/ PRIOR APPLICATION NUMBER: 60/115,434
/ PRIOR FILING DATE: 1999-01-06
/ NUMBER OF SEQ ID NOS: 207
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 93
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-159-257A-93
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2936 TGACCGCGAGCAATCCT 2952
Db      2 TGACCGCGAGCAATCCT 18
```

```
RESULT 563
US-09-242-772-18
/ Sequence 18, Application US/09242772
/ Publication No. US20020009720A1
/ GENERAL INFORMATION:
/ APPLICANT: Vlaams Interuniversitair Instituut voor Biotechnologie
/ TITLE OF INVENTION: PLAG gene family and tumorigenesis
/ FILE REFERENCE: VIB-011-US
/ CURRENT APPLICATION NUMBER: US/09/242,772
```

```

; CURRENT FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: EP 96202229.6
; PRIOR FILING DATE: 1996-08-22
; PRIOR APPLICATION NUMBER: EP 97200130.9
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: PCT/EP97/04759
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
; NAME/KEY: misc_feature
; OTHER INFORMATION: antisense primer D8S166
US-09-242-772-18
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY          929 CAAGAGGATTCCTTTT 945
Db          2 CAAGGAGTCTCTTTT 18
```

```

RESULT 564
US-09-915-485-74/c
; Sequence 74, Application US/09915485
; Publication No. US20030083281A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
; FILE REFERENCE: RFS-0251
; CURRENT APPLICATION NUMBER: US/09/915,485
; CURRENT FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-915-485-74
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY          3046 ACTTCAGGGGAGATC 3062
Db          20 ACTTCAGGGGAGATC 4
```

```

RESULT 565
US-09-754-106-104
; Sequence 104, Application US/09754106
; Publication No. US20030224355A1
; GENERAL INFORMATION:
; APPLICANT: Bell, Graeme I.
; APPLICANT: Yamagata, Kazuya
; APPLICANT: Oda, Naohisa
; APPLICANT: Katsuki, Pamela J.
; APPLICANT: Furuta, Hiroto
; APPLICANT: Horikawa, Yukio
; APPLICANT: Wenzel, Stephen
; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
; TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
; TITLE OF INVENTION: AND HNF-4ALPHA
```

```

; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/754,106
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/028,056
; FILING DATE: 02-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/025,719
; FILING DATE: 10-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mark B.
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: ARCD:272
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 104:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-754-106-104
```

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Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY          991 CCGAGCATTTGTCAG 1007
Db          3 CCGAGCATTTGTCAG 19
```

```

RESULT 566
US-10-321-555-9
; Sequence 9, Application US/10321555
; Publication No. US20030134315A1
; GENERAL INFORMATION:
; APPLICANT: Watenius, Hilmar Meek
; APPLICANT: Seabra, Laurence Anthony
; TITLE OF INVENTION: METHODS FOR DETERMINING CHEMOSENSITIVITY OF CANCER CELLS BASED UPON
; FILE REFERENCE: 1417-188
; CURRENT APPLICATION NUMBER: US/10/321,555
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: US/09/622,277
; PRIOR FILING DATE: 2000-10-25
; PRIOR APPLICATION NUMBER: PCT/GB99/00500
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: GB 9903035.5
; PRIOR FILING DATE: 1999-02-10
; PRIOR APPLICATION NUMBER: GB 9814545.1
; PRIOR FILING DATE: 1998-07-03
; PRIOR APPLICATION NUMBER: GB 9812151.0
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: GB 9803447.3
```

```
/ PRIOR FILING DATE: 1998-02-18
/ PRIOR APPLICATION NUMBER: GB 9803446.5
/ PRIOR FILING DATE: 1998-02-18
/ NUMBER OF SEQ ID NOS: 15
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 9
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR and DNA sequencing primer for exon 7 sense
US-10-321-555-9

Query Match
Best Local Similarity 0.3%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4842 CTGGCCTCAGCTTGGGC 4858
DB 2 CTGGCCTCATCTTGGGC 18

RESULT 567
US-10-348-485-90/c
/ Sequence 90, Application US/10348485
/ Publication No. US20030148989A1
/ GENERAL INFORMATION:
/ APPLICANT: Bennett, C. Frank
/ APPLICANT: Dean, Nicholas M.
/ APPLICANT: Holmlund, Jon T.
/ APPLICANT: Dorr, F. Andrew
/ TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase C
/ FILE REFERENCE: IS184954
/ CURRENT APPLICATION NUMBER: US/10/348,485
/ CURRENT FILING DATE: 2003-01-21
/ PRIOR APPLICATION NUMBER: US/10/025,139
/ PRIOR FILING DATE: 2001-12-18
/ PRIOR APPLICATION NUMBER: US 08/829,637
/ PRIOR FILING DATE: 1997-03-31
/ PRIOR APPLICATION NUMBER: US 08/478,178
/ PRIOR FILING DATE: 1995-06-07
/ PRIOR APPLICATION NUMBER: US 08/089,996
/ PRIOR FILING DATE: 1993-07-09
/ PRIOR APPLICATION NUMBER: US 07/852,852
/ PRIOR FILING DATE: 1992-03-16
/ NUMBER OF SEQ ID NOS: 121
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 90
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-348-485-90

Query Match
Best Local Similarity 0.3%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 463 GTGGCTCTGGGGGTGC 479
DB 18 GTGGCCCTGGGGGTGC 2

RESULT 568
US-10-345-092-51/c
/ Sequence 51, Application US/10345092
/ Publication No. US20030165506A1
/ GENERAL INFORMATION:
/ APPLICANT: Vlaama Internuniversitair Instituut voor Biotechnol
/ TITLE OF INVENTION: NO. US20030165506A1el alpha-calenin expressed in heart and testis
/ FILE REFERENCE: FVR/ATC/V067
/ CURRENT APPLICATION NUMBER: US/10/345,092
```

```
/ CURRENT FILING DATE: 2003-01-13
/ PRIOR APPLICATION NUMBER: 00202472.7
/ PRIOR FILING DATE: 2000-07-12
/ PRIOR APPLICATION NUMBER: US 60/218,309
/ PRIOR FILING DATE: 2000-07-14
/ NUMBER OF SEQ ID NOS: 134
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 51
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: upper primer
US-10-345-092-51

Query Match
Best Local Similarity 0.3%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4686 AGAGCCTGTCTGTCC 4702
DB 17 AGAGCCTGTCTGTCC 1

RESULT 569
US-10-174-559-40
/ Sequence 40, Application US/10174559
/ Publication No. US20030232773A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF DRAK1 EXPRESSION
/ FILE REFERENCE: PTS-0006
/ CURRENT APPLICATION NUMBER: US/10/174,559
/ CURRENT FILING DATE: 2002-06-17
/ NUMBER OF SEQ ID NOS: 112
/ SEQ ID NO 40
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-559-40

Query Match
Best Local Similarity 0.3%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1693 ACTCAGACGACCGGAG 1709
DB 1 ACTCGAGCAGCCGGAG 17

RESULT 570
US-10-289-762-6438/c
/ Sequence 6438, Application US/10289762
/ Publication No. US20040006218A1
/ GENERAL INFORMATION:
/ APPLICANT: Griffiths, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/10/289,762
/ CURRENT FILING DATE: 2003-03-27
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 6438
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-10-289-762-6438
```


Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6e+02; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2394 GTCTTCTACTTCTCGA 2410
DB 20 GTCTTCTACTTCTCGA 4

RESULT 571
US-10-317-803-74
; Sequence 74, Application US/10317803
; Publication No. US20040115640A1
; GENERAL INFORMATION:
; APPLICANT: Kathleen Myers
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ANGIOPOIETIN-2 EXPRESSION
; FILE REFERENCE: RTS-0454
; CURRENT APPLICATION NUMBER: US/10/317,803
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-803-74

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6e+02; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 820 TGGAGGAAGAGACACA 836
DB 4 TGGTGAAGAGACACA 20

RESULT 572
US-10-303-588-22
; Sequence 22, Application US/10303588
; Publication No. US20040116364A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF DEATH-ASSOCIATED PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0071
; CURRENT APPLICATION NUMBER: US/10/303,588
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-588-22

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6e+02; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 504 ACGCCCACTGTGCTCC 520
DB 1 ACGTCCACATGTGCTCC 17

RESULT 573
US-10-745-377-40
; Sequence 40, Application US/10745377
; Publication No. US20040137423A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.

APPLICANT: Pimstone, Simon
APPLICANT: Brooke-Willson, Angela R.
APPLICANT: Clee, Suzanne M.
TITLE OF INVENTION: Compositions and Methods for Modulating
TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
FILE REFERENCE: 760050-109
CURRENT APPLICATION NUMBER: US/10/745,377
CURRENT FILING DATE: 2003-12-23

PRIOR APPLICATION NUMBER: 09/654,323
PRIOR FILING DATE: 2000-09-01
PRIOR APPLICATION NUMBER: US 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: US 60/138,048
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: US 60/139,600
PRIOR FILING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: US 60/151,977
PRIOR FILING DATE: 1999-09-01
PRIOR APPLICATION NUMBER: US 09/526,193
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: US 60/213,958
PRIOR FILING DATE: 2000-06-23
NUMBER OF SEQ ID NOS: 256
SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
SEQ ID NO 40
LENGTH: 20
TYPE: DNA
ORGANISM: homo sapien
US-10-745-377-40

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6e+02; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1224 GACCAGCAGCTCTCCC 1240
DB 2 GACCTGACGCTCTCCC 18

RESULT 574
US-10-744-730-4
; Sequence 4, Application US/10744730
; Publication No. US20040137491A1
; GENERAL INFORMATION:
; APPLICANT: Tadashi, OKAMOTO
; APPLICANT: Hiromitsu, TAKASE
; APPLICANT: Hiroyuki, HASHIMOTO
; TITLE OF INVENTION: METHOD OF ANALYZING PROBE CARRIER USING TIME-OF-FLIGHT SECONDARY
; TITLE OF INVENTION: ION MASS SPECTROMETRY
; FILE REFERENCE: CRO17354US
; CURRENT APPLICATION NUMBER: US/10/744,730
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: JP 2002-190010
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: JP 2002-191391
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: JP 2002-191414
; PRIOR FILING DATE: 2002-06-28
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Sequence for Target
US-10-744-730-4

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6e+02; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4842 CTGGCTCAGCTTGCGC 4858

Db 2 CTGGCCTCATCTTGGGC 18

```
RESULT 575
US-09-765-081-392/c
; Sequence 392, Application US/09765081
; Patent No. US20020037508A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2008-001
; CURRENT APPLICATION NUMBER: US/09/765,081
; CURRENT FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: US 60/176,861
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 461
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 392
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-765-081-392
```

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 6.5e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3368 GGGGCCCTGCAGGAGAA 3386
Db 20 GGGGCCCTGCAGGAGAA 2

```
RESULT 576
US-09-828-995B-103/c
; Sequence 103, Application US/09828995B
; Patent No. US20020165135A1
; GENERAL INFORMATION:
; APPLICANT: Heeka Corporation
; APPLICANT: McCall, Catherine A.
; APPLICANT: Tang, Liang A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13 R
; FILE REFERENCE: AL-7
; CURRENT APPLICATION NUMBER: US/09/828,995B
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 60/195,874
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: 60/195,659
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 104
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 103
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-828-995B-103
```

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3499 GGAAGAACGCGAGGAC 3515
Db 21 GGAAGAACGCGAGGAC 5

```
RESULT 577
US-09-750-609-19/c
; Sequence 19, Application US/09750609
```

```
; Publication No. US20030170875A1
; GENERAL INFORMATION:
; APPLICANT: Robertson, David
; APPLICANT: Blakely, Randy D.
; TITLE OF INVENTION: GENETIC MUTATION UNDERLYING ORTHOSTATIC INTOLERANCE AND
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC METHODS RELATING THERETO
; FILE REFERENCE: Attorney Docket No. US20030170875A1 1242-27-2-2
; CURRENT APPLICATION NUMBER: US/09/750,609
; CURRENT FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: 60/175,456
; PRIOR FILING DATE: 2000-01-11
; PRIOR APPLICATION NUMBER: 60/173,682
; PRIOR FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-750-609-19
```

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4827 CTCAGTGGAGATCT 4843
Db 21 CTCAGTGGTGAATCT 5

```
RESULT 578
US-10-151-061-19
; Sequence 19, Application US/10151061
; Publication No. US20030219751A1
; GENERAL INFORMATION:
; APPLICANT: Lao, Kai Qin
; APPLICANT: Chen, Caitu
; APPLICANT: Coehler, Ryan
; APPLICANT: Scafe, Charles
; APPLICANT: Schroth, Gary
; TITLE OF INVENTION: THE WHOLE GENOME AMPLIFICATION USING
; TITLE OF INVENTION: SHORT, UNIVERSAL-TAGGED, OLIGO PRIMERS
; FILE REFERENCE: ABIOS.004A
; CURRENT APPLICATION NUMBER: US/10/151,061
; CURRENT FILING DATE: 2002-05-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A synthetic oligonucleotide probe having homology
; OTHER INFORMATION: with a synthetic oligonucleotide template having
; OTHER INFORMATION: no significant homology to the human genome.
US-10-151-061-19
```

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1590 GTGGAACAGAGAAGA 1606
Db 4 GTGGAACAGAGAAGA 20

```
RESULT 579
US-10-349-143-11523/c
; Sequence 11523, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
```

```
APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Ballelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-93
; CURRENT APPLICATION NUMBER: US/10/452,510
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11523
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-9089 for SEQ 3658, in compleme
US-10-349-143-11523
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
OY      273 TCTCTCTTCTCTCTCT 289
Db      17 TCTCTTTTCTCTCTCT 1
```

```
RESULT 580
US-10-452-510-170/c
; Sequence 170, Application US/10452510
; Publication No. US20040005666A1
; GENERAL INFORMATION:
; APPLICANT: Brooks-Wilson, Angela R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-93
; CURRENT APPLICATION NUMBER: US/10/452,510
; PRIOR FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 170
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-452-510-170
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
OY      1656 GGCTTTCGACGCTCT 1672
Db      17 GGCTTCGGCCAGCTCT 1
```

```
RESULT 581
US-10-452-510-171/c
```

```
; Sequence 171, Application US/10452510
; Publication No. US20040005666A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-93
; CURRENT APPLICATION NUMBER: US/10/452,510
; PRIOR FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 171
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-452-510-171
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
OY      1656 GGCTTTCGACGCTCT 1672
Db      17 GGCTTCGGCCAGCTCT 1
```

```
RESULT 582
US-10-617-334-170/c
; Sequence 170, Application US/10617334
; Publication No. US20040058869A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-91
; CURRENT APPLICATION NUMBER: US/10/617,334
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: PatentIn 3.0
; SEQ ID NO 170
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-617-334-170
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
OY      1656 GGCTTTCGACGCTCT 1672
Db      17 GGCTTCGGCCAGCTCT 1
```

```
RESULT 583
US-10-617-334-171/c
; Sequence 171, Application US/10617334
; Publication No. US20040058869A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-91
; CURRENT APPLICATION NUMBER: US/10/617,334
; CURRENT FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: PatentIn 3.0
; SEQ ID NO 171
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-617-334-171
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1656 GGCTTCGCCAGCTCCT 1672
DB      17  GGCTTCGCCAGCTCCT 1
```

```
RESULT 584
US-10-702-496-91
; Sequence 91, Application US/10702496
; Publication No. US20040121383A1
; GENERAL INFORMATION:
; APPLICANT: Wyeich
; APPLICANT: Lau, Wei
; APPLICANT: Wu, Leeyang
; TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
; FILE REFERENCE: AM101071
; CURRENT APPLICATION NUMBER: US/10/702,496
; CURRENT FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: 60/429,381
; PRIOR FILING DATE: 2002-11-27
; NUMBER OF SEQ ID NOS: 306
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 91
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-702-496-91
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1650 AGAGAGGCTTTCGCCA 1666
DB      2  AGAGAGGATTCGCCCA 18
```

```
RESULT 585
US-10-745-377-202/c
```

```
; Sequence 202, Application US/10745377
; Publication No. US20040137423A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Pimstone, Simon
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Clee, Susanne M.
; TITLE OF INVENTION: Compositions and Methods for Modulating
; FILE REFERENCE: 760050-109
; CURRENT APPLICATION NUMBER: US/10/745,377
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 09/654,323
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: US 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: US 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: US 60/151,977
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: US 60/213,958
; PRIOR FILING DATE: 2000-06-23
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
; SEQ ID NO 202
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapien
US-10-745-377-202
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1656 GGCTTCGCCAGCTCCT 1672
DB      17  GGCTTCGCCAGCTCCT 1
```

```
RESULT 586
US-10-745-377-203/c
; Sequence 203, Application US/10745377
; Publication No. US20040137423A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Pimstone, Simon
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Clee, Susanne M.
; TITLE OF INVENTION: Compositions and Methods for Modulating
; FILE REFERENCE: HDL Cholesterol and Triglyceride Levels
; CURRENT APPLICATION NUMBER: US/10/745,377
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 09/654,323
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: US 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: US 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: US 60/151,977
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: US 60/213,958
; PRIOR FILING DATE: 2000-06-23
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
```

SEQ ID NO 203
LENGTH: 21
TYPE: DNA
ORGANISM: homo sapien
US-10-745-377-203

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1656 GGCTTCGCCAGCTCCT 1672
Db 17 GGCTTCGCCAGCTCCT 1

RESULT 587
US-10-753-159-103/c
Sequence 103, Application US/10753159
Publication No. US20040142372A1
GENERAL INFORMATION:
APPLICANT: Heeka Corporation
APPLICANT: McCall, Catherine A.
APPLICANT: Tang, Liang A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13 R
FILE REFERENCE: AL-7
CURRENT APPLICATION NUMBER: US/10/753.159
PRIOR FILING DATE: 2004-01-07
PRIOR APPLICATION NUMBER: 60/195,874
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: 60/195,659
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PatentIn version 3.1
SEQ ID NO 103
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic Primer
US-10-753-159-103

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3499 GGAAGAACGCGGCGAC 3515
Db 21 GGAAGAACGCGGCGGAC 5

RESULT 588
US-10-744-465-170/c
Sequence 170, Application US/10744465
Publication No. US20040157250A1
GENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
APPLICANT: Brooks-Wilson, Angela R.
APPLICANT: Pimstone, Simon N.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
FILE REFERENCE: 760050-92
CURRENT APPLICATION NUMBER: US/10/744.465
PRIOR FILING DATE: 2003-12-23
PRIOR APPLICATION NUMBER: 10/617,334
PRIOR FILING DATE: 2003-07-10
PRIOR APPLICATION NUMBER: US 09/526,193
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: 60/138,048
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR FILING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: 60/151,977

PRIOR FILING DATE: 1999-09-01
NUMBER OF SEQ ID NOS: 287
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 170
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-744-465-170

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1656 GGCTTCGCCAGCTCCT 1672
Db 17 GGCTTCGCCAGCTCCT 1

RESULT 589
US-10-744-465-171/c
Sequence 171, Application US/10744465
Publication No. US20040157250A1
GENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
APPLICANT: Brooks-Wilson, Angela R.
APPLICANT: Pimstone, Simon N.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
FILE REFERENCE: 760050-92
CURRENT APPLICATION NUMBER: US/10/744.465
PRIOR FILING DATE: 2003-12-23
PRIOR APPLICATION NUMBER: 10/617,334
PRIOR FILING DATE: 2003-07-10
PRIOR APPLICATION NUMBER: US 09/526,193
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: 60/138,048
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR FILING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: 60/151,977
PRIOR FILING DATE: 1999-09-01
NUMBER OF SEQ ID NOS: 287
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 171
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-744-465-171

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1656 GGCTTCGCCAGCTCCT 1672
Db 17 GGCTTCGCCAGCTCCT 1

RESULT 590
US-10-833-679-170/c
Sequence 170, Application US/10833679
Publication No. US20040185508A1
GENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
APPLICANT: Brooks-Wilson, Angela R.
APPLICANT: Pimstone, Simon N.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
FILE REFERENCE: 760050-135
CURRENT APPLICATION NUMBER: US/10/833,679
PRIOR FILING DATE: 2004-04-28
PRIOR APPLICATION NUMBER: 10/452,510
PRIOR FILING DATE: 2003-06-02

US-09-750-373-39/c
; Sequence 39, Application US/09750373
; Patent No. US20020062013A1
; GENERAL INFORMATION:
; APPLICANT: Lind, Peter
; APPLICANT: Wood, Linda S.
; APPLICANT: Hiebec, Ronald
; APPLICANT: Ruff, Valerie
; APPLICANT: Lindberg, Elent
; APPLICANT: Parodi, Luis A.
; APPLICANT: Vogeli, Gabriel
; TITLE OF INVENTION: No. US20020062013A1el G Protein Coupled Receptors
; FILE REFERENCE: PHM-0300
; CURRENT APPLICATION NUMBER: US/09/750,373
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: 60/184,305
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 60/188,880
; PRIOR FILING DATE: 2000-03-13
; PRIOR APPLICATION NUMBER: 60/219,492
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: 60/173,339
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: 60/224,321
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/200,534
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: 60/239,062
; PRIOR FILING DATE: 2000-10-09
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 39
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: No. US20020062013A1el Sequence
US-09-750-373-39

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1656 GGCTTCGCGCAGCTCCT 1672
DB 17 GGCTTCGCGCAGCTCCT 1

RESULT 591
US-10-833-679-171/c
; Sequence 171, Application US/10833679
; Publication No. US20040185508A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-135
; CURRENT APPLICATION NUMBER: US/10/833,679
; CURRENT FILING DATE: 2004-04-28
; PRIOR APPLICATION NUMBER: 10/452,510
; PRIOR FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: 10/617,334
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: PatentIn 3.0
; SEQ ID NO 171
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-833-679-171

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1656 GGCTTCGCGCAGCTCCT 1672
DB 17 GGCTTCGCGCAGCTCCT 1

RESULT 592

US-09-864-636A-1851
; Sequence 1851, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Lind, Peter
; APPLICANT: Wood, Linda S.
; APPLICANT: Hiebec, Ronald
; APPLICANT: Ruff, Valerie
; APPLICANT: Lindberg, Elent
; APPLICANT: Parodi, Luis A.
; APPLICANT: Vogeli, Gabriel
; TITLE OF INVENTION: No. US20020062013A1el G Protein Coupled Receptors
; FILE REFERENCE: PHM-0300
; CURRENT APPLICATION NUMBER: US/09/750,373
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: 60/184,305
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 60/188,880
; PRIOR FILING DATE: 2000-03-13
; PRIOR APPLICATION NUMBER: 60/219,492
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: 60/173,339
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: 60/224,321
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/200,534
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: 60/239,062
; PRIOR FILING DATE: 2000-10-09
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 39
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: No. US20020062013A1el Sequence
US-09-750-373-39

Query Match 0.3%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2788 TTGTCAAGAGTCAGGA 2804
DB 18 TTGTCAAGAGTCAGGA 2

RESULT 593
US-09-864-636A-1851
; Sequence 1851, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Alwal, Halim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, Lukane
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1851
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-1851

Query Match 0.3%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 7e+02;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 3011 CACGCTCTCACCACC 3027
Db 5 CACGCTCTCACCACC 21

RESULT 594

US-09-864-426A-1851
; Sequence 1851, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Salsber, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1851
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-1851

Query Match 0.3%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3011 CACGCTCTCACCACC 3027
Db 5 CACGCTCTCACCACC 21

RESULT 595

US-10-027-632-51706/c
; Sequence 51706, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 51706
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-51706

Query Match 0.3%; Score 15.4; DB 1; Length 22;

Best Local Similarity 76.2%; Pred. No. 7e+02;
Matches 16; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 4189 GGCTTGTTGTTTCAGAG 4209
Db 22 GGCTACGTGTTTCWRTAAG 2

RESULT 596

US-10-027-632-51706/c
; Sequence 51706, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 51706
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-51706

Query Match 0.3%; Score 15.4; DB 1; Length 22;
Best Local Similarity 76.2%; Pred. No. 7e+02;
Matches 16; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 4189 GGCTTGTTGTTTCAGAG 4209
Db 22 GGCTACGTGTTTCWRTAAG 2

RESULT 597

US-10-084-839-1851
; Sequence 1851, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Bis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: JI, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Lyamacheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.

APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tereka Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
FILE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: Patentin version 3.1
SEQ ID NO 1851
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-1851

Query Match 0.3%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 7e+02; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3011 CACGCTCTGCACCACC 3027
Db 5 CACGCTCTGCACCACC 21

RESULT 598
US-10-026-741-1
Sequence 1, Application US/10026741
Publication No. US20030049604A1
GENERAL INFORMATION:

APPLICANT: CHARNEAU, PIERRE
CLAVEL, FRANCOISE
BORMAN, ANDREW
QUILLIENT, CAROLINE
GUETARD, DENISE
MONTAGNIER, LUC
DONTON DE SAINT-MARTIN, JACQUELINE
COHEN, JAOUES
TITLE OF INVENTION: NUCLEOTIDE SEQUENCES OF HIV-1 TYPE (OR
SUBTYPE) ANTIGENS
NUMBER OF SEQUENCES: 103
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flanagan, Henderson, Farbow, Garrett &
Dunner, D.L.P.
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-3315

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/026,741
FILING DATE: 27-Dec-2001

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/817,441
FILING DATE: 31-AUG-1998
APPLICATION NUMBER: PCT/FR 95/01391
FILING DATE: 20-OCT-1995
APPLICATION NUMBER: FR 9412554
FILING DATE: 20-OCT-1994
APPLICATION NUMBER: FR 9502526
FILING DATE: 03-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146

REFERENCE/DOCKET NUMBER: 03260.6005-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
DESCRIPTION /desc = "Oligonucleotide"
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-026-741-1

Query Match 0.3%; Score 15.4; DB 1; Length 23;
Best Local Similarity 76.2%; Pred. No. 7.4e+02; Indels 0; Gaps 0;
Matches 16; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1590 GTGAACAGAGAGAGAG 1610
Db 2 GTGATWATAGACGAGAG 22

RESULT 599
US-09-734-846-11/c
Sequence 11, Application US/09734846
Patent No. US20010007025A1
GENERAL INFORMATION:

APPLICANT: Bennett, C. Frank
APPLICANT: Dean, Nicholas M.
APPLICANT: Mont, Brett P.
APPLICANT: Nickloff, Brian J.
APPLICANT: Zhang, Qiongling

TITLE OF INVENTION: Antisense Modulation of bcl-x Expression
FILE REFERENCE: ISPH-0528
CURRENT APPLICATION NUMBER: US/09/734,846
CURRENT FILING DATE: 2000-12-12
PRIOR APPLICATION NUMBER: 09/277,020
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 1998-03-26/167,921
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 09/323,743
PRIOR FILING DATE: 1999-06-02
NUMBER OF SEQ ID NOS: 74
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-734-846-11

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2830 GGGAGCTGCTGCTGAAGTT 2849
Db 20 GGGAGCTGCTGCTGACTTT 1

RESULT 600
US-09-800-631-110/c
Sequence 110, Application US/09800631
Patent No. US2002008228A1
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyalit
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP
FILE REFERENCE: ISPH-0544
CURRENT APPLICATION NUMBER: US/09/800,631

;; CURRENT FILING DATE: 2001-03-07
;; PRIOR APPLICATION NUMBER: US/09/657,346
;; PRIOR FILING DATE: 2000-09-07
;; NUMBER OF SEQ ID NOS: 175
;; SEQ ID NO 110
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Antisense Oligonucleotide
US-09-800-631-110

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 821 GGAGGAGGAGGAGGAGGCG 840
Db 20 GCGAGGAGGAGGAGGAGGCG 1

RESULT 601
US-09-756-095-65/c
;; Sequence 65, Application US/09756095
;; Patent No. US20020115207A1
;; GENERAL INFORMATION:
;; APPLICANT: Mitchell, Lloyd G.
;; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
;; FILE REFERENCE: A31304-B-A 072874.0134
;; CURRENT APPLICATION NUMBER: US/09/756,095
;; CURRENT FILING DATE: 2001-01-08
;; PRIOR APPLICATION NUMBER: 09/158,863
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 09/133,717
;; PRIOR FILING DATE: 1998-08-13
;; PRIOR APPLICATION NUMBER: 09/087,233
;; PRIOR FILING DATE: 1998-05-28
;; PRIOR APPLICATION NUMBER: 08/766,354
;; PRIOR FILING DATE: 1996-12-13
;; PRIOR APPLICATION NUMBER: 60/008,317
;; PRIOR FILING DATE: 1995-12-07
;; NUMBER OF SEQ ID NOS: 105
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 65
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Splice junction sequence
US-09-756-095-65

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1953 ATCCACGCTCTGGAACAT 1972
Db 20 ATCATCAGCCCTGGAACAT 1

RESULT 602
US-09-791-406-17
;; Sequence 17, Application US/09791406
;; Patent No. US20020147165A1
;; GENERAL INFORMATION:
;; APPLICANT: C. Frank Bennett
;; APPLICANT: Robert Rothlein
;; APPLICANT: Takashi Kei Kishimoto
;; TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
;; FILE REFERENCE: RTS-0097

;; CURRENT APPLICATION NUMBER: US/09/791,406
;; CURRENT FILING DATE: 2001-02-22
;; NUMBER OF SEQ ID NOS: 89
;; SEQ ID NO 17
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-406-17

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 482 GCCGCGCCGCGGAGGAGGC 501
Db 1 GACGCGCAGCGCGGAGGAGGC 20

RESULT 603
US-09-996-263-13
;; Sequence 13, Application US/09996263
;; Publication No. US20030004325A1
;; GENERAL INFORMATION:
;; APPLICANT: Phillip Dan Cook
;; TITLE OF INVENTION: Sugar Modified Oligonucleotides
;; NUMBER OF SEQUENCES: 37
;; CORRESPONDENCE ADDRESSES:
;; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. US20030004325A1-13
;; STREET: One Liberty Place - 46th Floor
;; CITY: Philadelphia
;; STATE: PA
;; COUNTRY: U.S.A.
;; ZIP: 19103
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5 inch disk, 720 KB
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: WordPerfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/996,263
;; FILING DATE: 28-Nov-00 US20030004325A1-2001
;; CLASSIFICATION: <Unknown>
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/471,973
;; FILING DATE: <Unknown>
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Joseph Lucchi
;; REGISTRATION NUMBER: 33,307
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 215-568-3100
;; TELEFAX: 215-568-3439
;; INFORMATION FOR SEQ ID NO: 13:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 bases
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; ANTI-SENSE: yes
;; SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-996-263-13

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4155 CCTGCTGGCTCTCTCTGCCC 4174
Db 1 CCTGCTGGCTCTCTCTCTC 20

```
RESULT 604
US-09-824-322B-275
; Sequence 275, Application US/09824322B
; Publication No. US20030022848A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 275
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-824-322B-275

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1602 AAGGAGAGAGTCTGGCGAA 1621
DB      1 AAGGAGAGAGGCTGAGGAA 20

RESULT 605
US-09-888-326-554
; Sequence 554, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: CI039/7052 (AMS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; PRIOR FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 554
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: chimeric phosphorothioate/phosphodiester backbone
; OTHER INFORMATION: with phosphorothioate at 5' and 3' ends
US-09-888-326-554

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1357 TGCACGAGGCTGCTGAGTCT 1376
DB      1 TCCATGACGGTCTGAGTCT 20
```

```
RESULT 606
US-09-941-492-65/c
; Sequence 65, Application US/09941492
; Publication No. US20030027250A1
; GENERAL INFORMATION:
; APPLICANT: Mitchell, Lloyd
; APPLICANT: Garcia-Blanco, Mariano M.
; APPLICANT: Puttaraju, Madalah
; APPLICANT: Manefield, Gary S.
; TITLE OF INVENTION: METHODS OF COMPOSITIONS FOR USE IN
; FILE REFERENCE: A31304-BAE (072874.0156)
; CURRENT APPLICATION NUMBER: US/09/941,492
; PRIOR FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: 09/838,858
; PRIOR FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: 09/756,096
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: 09/158,863
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 09/133,717
; PRIOR FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: 09/087,233
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 08/766,354
; PRIOR FILING DATE: 1996-12-13
; PRIOR APPLICATION NUMBER: 08/766,354
; NUMBER OF SEQ ID NOS: 125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Splice junction sequence
US-09-941-492-65

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1953 ATCCACGCGCTCTGGAACAT 1972
DB      20 ATCATCAGCGCTCTGGAACAT 1

RESULT 607
US-09-756-096A-65/c
; Sequence 65, Application US/09756096A
; Publication No. US2003007754A1
; GENERAL INFORMATION:
; APPLICANT: Mitchell, Lloyd G.
; APPLICANT: Garcia-Blanco, Mariano A.
; APPLICANT: Puttaraju, Madalah
; APPLICANT: Manefield, Gary S.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
; FILE REFERENCE: A31304-B-A-B 072874.0135
; CURRENT APPLICATION NUMBER: US/09/756,096A
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: 09/158,863
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 09/133,717
; PRIOR FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: 09/087,233
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 08/766,354
; PRIOR FILING DATE: 1996-12-13
; PRIOR APPLICATION NUMBER: 60/008,317
; PRIOR FILING DATE: 1995-12-15
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 65
```

LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Splice junction sequence
US-09-756-096A-65

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1953 ATCCACGAGCTCTGGAACAT 1972
DB 20 ATCATCAAGCCCTCGAACAT 1

RESULT 608
US-09-776-479-38
Sequence 38, Application US/09776479
Publication No. US20030087848A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 38
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-776-479-38

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1357 TGCACGAGGCTCTGAGTCT 1376
DB 1 TCCATGACGGTCTGAGTCT 20

RESULT 609
US-09-776-479-38
Sequence 38, Application US/09776479
Publication No. US20040067902A9
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 38
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence

US-09-776-479-38

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1357 TGCACGAGGCTCTGAGTCT 1376
DB 1 TCCATGACGGTCTGAGTCT 20

RESULT 610
US-09-776-479-39
Sequence 39, Application US/09776479
Publication No. US20030087848A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 39
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-776-479-39

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1357 TGCACGAGGCTCTGAGTCT 1376
DB 1 TCCATGACGGTCTGAGTCT 20

RESULT 611
US-09-776-479-39
Sequence 39, Application US/09776479
Publication No. US20040067902A9
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 39
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-776-479-39

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy	1357	TGCACGAGGCTCCTGAGTCT	1376
Db	1	TCCATGACGGTCCCTGAGTCT	20

```

RESULT 612
US-09-920-394-22/c
: Sequence 22, Application US/09920394
: Publication NO. US20030096773A1
: GENERAL INFORMATION:
: APPLICANT: Rosanne M. Crooke
: APPLICANT: Mark J. Graham
: APPLICANT: Kristina M. Lemonidis
: TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
: TITLE OF INVENTION: EXPRESSION
: FILE REFERENCE: ISPH-0589
: CURRENT APPLICATION NUMBER: US/09/920,394
: CURRENT FILING DATE: 2001-08-01
: NUMBER OF SEQ ID NOS: 62
: SEQ ID NO 22
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-22

```

```

RESULT 613
US-09-961-001-71
? Sequence 71, Application US/09961001
? Publication No. US20030109466A1
? GENERAL INFORMATION:
? APPLICANT: Brett P. Morla
? APPLICANT: Susan M. Pfeiler
? TITLE OF INVENTION: ANTISENSE MODULATION OF KSR EXPRESSION
? FILE REFERENCE: RTS-0280
? CURRENT APPLICATION NUMBER: US/09/961, 001
? CURRENT FILING DATE: 2001-09-20
? NUMBER OF SEQ ID NOS: 87
? SEQ ID NO 71
? LENGTH: 20
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: Antisense Oligonucleotide
US-09-961-001-71

```

RESULT 614
US-09-840-743-103/c
; Sequence 103, Application US/09840743
; Publication No. US20030135890A1
; GENERAL INFORMATION:
; APPLICANT: Fischer, Robert L.
; APPLICANT: Choi, Yeonhee

```

APPLICANT: Hannon, Mike
APPLICANT: Okumuro, Jack Kiashio
APPLICANT: Tatarinova, Tatiana Valerievna
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: Nucleic Acids That Control Plant Development
FILE REFERENCE: 023070-095910US
CURRENT APPLICATION NUMBER: US/09/840,743
CURRENT FILING DATE: 2001-04-23
PRIOR APPLICATION NUMBER: US 09/553,690
PRIOR FILING DATE: 2000-04-21
NUMBER OF SEQ ID NOS: 119
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 103
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:primer SKB-3
US-09-840-743-103

```

```

RESULT 615
US-09-838-858-65/c
Sequence 65, Application US/09838858
Publication NO. US20030148937A1
GENERAL INFORMATION:
APPLICANT: Mansfield, Gary S.
APPLICANT: Mitchell, Lloyd G.
APPLICANT: Garcia-Blanco, Mariano A.
APPLICANT: Walsh, Christopher E.
APPLICANT: Chao, Hengjun
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
FILE REFERENCE: A31304-BAD 072874.01
CURRENT APPLICATION NUMBER: US/09/838,858
CURRENT FILING DATE: 2001-04-20
PRIORITY APPLICATION NUMBER: 09/756,096
PRIORITY FILING DATE: 2001-02-08
PRIORITY APPLICATION NUMBER: 09/158,863
PRIORITY FILING DATE: 1998-09-23
PRIORITY APPLICATION NUMBER: 09/133,717
PRIORITY FILING DATE: 1998-08-13
PRIORITY APPLICATION NUMBER: 09/087,233
PRIORITY FILING DATE: 1998-05-28
PRIORITY APPLICATION NUMBER: 08/766,354
PRIORITY FILING DATE: 1996-12-13
PRIORITY APPLICATION NUMBER: 60/008,317
PRIORITY FILING DATE: 1995-12-15
NUMBER OF SEQ. ID NOS: 113
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 65
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Splice junction sequence
US-09-838-858-65

```

RESULT 616
US-09-965-101-25
; Sequence 25, Application US/09965101
; Publication No. US20040186067A1
; GENERAL INFORMATION:
; APPLICANT: Davis, Heather L.
; APPLICANT: Krieger, Arthur M.
; APPLICANT: Schott, Joachim
; APPLICANT: Wu, Tong
; TITLE OF INVENTION: Vectors and Methods for Immunization or
; TITLE OF INVENTION: Therapeutic Protocols
; FILE REFERENCE: C1039/7057 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/965,101
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: US 09/082,649
; PRIOR FILING DATE: 1998-05-20
; PRIOR APPLICATION NUMBER: US 60/047,233
; PRIOR FILING DATE: 1997-05-20
; PRIOR APPLICATION NUMBER: US 60/047,209
; PRIOR FILING DATE: 1997-05-20
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-965-101-25

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 300 TGGTTCTGTAATGAGAG 319
Db 1 TCGTTCTGTATGAGAG 20

RESULT 617
US-10-057-550-28
; Sequence 28, Application US/10057550
; Publication No. US20030032607A1
; GENERAL INFORMATION:
; APPLICANT: Montia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/057,550
; CURRENT FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: 09/506,073
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: US 09/143,214
; PRIOR FILING DATE: 1998-08-28
; PRIOR APPLICATION NUMBER: PCT/US98/13961
; PRIOR FILING DATE: 1998-07-06
; PRIOR APPLICATION NUMBER: US 08/888,982
; PRIOR FILING DATE: 1997-07-07
; PRIOR APPLICATION NUMBER: US 08/756,806
; PRIOR FILING DATE: 1996-11-26
; PRIOR APPLICATION NUMBER: PCT/US95/07111
; PRIOR FILING DATE: 1995-05-31
; PRIOR APPLICATION NUMBER: US 08/250,856
; PRIOR FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-057-550-28

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 4155 CCTGCTGGCTCTCTGCCCC 4174
Db 1 CCTGCTGGCTCTCTCTCTC 20

RESULT 618
US-10-112-653-38
; Sequence 38, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieger, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060 (AMS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-38

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1357 TGCACGAGGCTCTGAGTCT 1376
Db 1 TCCATGACGCTCTCTGAGTCT 20

RESULT 619
US-10-017-995-38
; Sequence 38, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-38

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1357 TGCACGAGGCTCTGAGTCT 1376
Db 1 TCCATGACGCTCTCTGAGTCT 20

```
RESULT 620
US-10-017-995-39
; Sequence 39, Application US/10017995
; Publication No. US20030055014AI
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-39

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.Se+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1357 TGCACGAGGCTCTGAGTCT 1376
Db      1 TCCATGACGGTCTGAGTCT 20

RESULT 621
US-10-081-969-43/C
; Sequence 43, Application US/10081969
; Publication No. US20030104625AI
; GENERAL INFORMATION:
; APPLICANT: Cheng, Cheng
; APPLICANT: Clarke, Lori
; APPLICANT: Connolly, Sheila
; APPLICANT: Emniet, David
; APPLICANT: Forry-Schaulder, Suzanne
; APPLICANT: Gorziglia, Mario
; APPLICANT: Hallenbeck, Paul
; APPLICANT: Hay, Carl
; APPLICANT: Jakubczak, John
; APPLICANT: Kaleko, Michael
; APPLICANT: Phipps, Sandra
; APPLICANT: Police, Seshidhar
; APPLICANT: Ryan, Patricia
; APPLICANT: Steward, David
; APPLICANT: Xie, Yuefeng
; TITLE OF INVENTION: No US20030104625AI1 Oncolytic Adenoviral Vectors
; FILE REFERENCE: 4-31704A/GTI
; CURRENT APPLICATION NUMBER: US/10/081,969
; CURRENT FILING DATE: 2002-02-22
; PRIOR APPLICATION NUMBER: US 60/270,922
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: US 60/235,037
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/348,670
; PRIOR FILING DATE: 2000-01-14
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Viral vector sequence
; NAME/KEY: misc_feature
; LOCATION: (1)..(20)
```

```
; OTHER INFORMATION: Fig.25. E3a.4 primer sequence
US-10-081-969-43

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.Se+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3925 CGCGCGCGCGCTGCGCAGTC 3944
Db      20 CGCGCGCGCGCTGCGCAGTC 1

RESULT 622
US-10-173-225B-27
; Sequence 27, Application US/10173225B
; Publication No. US20030119769A1
; GENERAL INFORMATION:
; APPLICANT: Montia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE: ISPH-0665
; CURRENT APPLICATION NUMBER: US/10/173,225B
; CURRENT FILING DATE: 2002-12-06
; PRIOR APPLICATION NUMBER: US 10/057,550
; PRIOR FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: US 09/143,214
; PRIOR FILING DATE: 1998-08-28
; PRIOR APPLICATION NUMBER: PCT/US98/13961
; PRIOR FILING DATE: 1998-07-06
; PRIOR APPLICATION NUMBER: US 08/888,982
; PRIOR FILING DATE: 1997-07-07
; PRIOR APPLICATION NUMBER: US 08/756,806
; PRIOR FILING DATE: 1996-11-26
; PRIOR APPLICATION NUMBER: PCT/US95/07111
; PRIOR FILING DATE: 1995-05-31
; PRIOR APPLICATION NUMBER: US 08/250,856
; PRIOR FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 109
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-173-225B-27

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.Se+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4155 CCTGCTGAGCTCTCTGCGCC 4174
Db      1 CCTGCTGAGCTCTCTCTGCGCC 20

RESULT 623
US-10-010-002-81
; Sequence 81, Application US/10010002
; Publication No. US20030125277A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACTIVATING TRANSCRIPTION FACTOR 3 EXPRESS
; FILE REFERENCE: RTS-0331
; CURRENT APPLICATION NUMBER: US/10/010,002
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-010-002-81
```

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3473 ACAGAGCTCAAGCCCAAGTG 3492
Db 1 AAAGAGCCCAAGGCCCAAGTG 20

RESULT 624

US-10-293-783-110/c
; Sequence 110, Application US/10293783
; Publication No. US20030130222A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF B3 INTERACTING DOMAIN DEATH AGONIST EXP
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/10/293,783
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US/09/800,631
; PRIOR FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US/09/657,346
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 175
; SEQ ID NO 110
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-783-110

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 821 GGAGAGAGAGACACAGCG 840
Db 20 GCAGAGAGAGACACAGCG 1

RESULT 625

US-10-032-585-5858
; Sequence 5858, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; PRIOR FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5858
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5858

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4328 TCTTGACTCTGGAGCCCA 4347
Db 1 TCTTGAGCTTTGGAGCCCA 20

RESULT 626

US-10-352-586-13
; Sequence 13, Application US/10352586
; Publication No. US20030187240A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: 2'-Modified Oligonucleotides
; FILE REFERENCE: ISIS5137
; CURRENT APPLICATION NUMBER: US/10/352,586
; PRIOR FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: 09/389,283
; PRIOR FILING DATE: 1999-09-02
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-352-586-13

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4155 CCTGCTGCTCTCTCTGCC 4174
Db 1 CCTGCTGCTCTCTCTCTCC 20

RESULT 627

US-10-302-262-11/c
; Sequence 11, Application US/10302262
; Publication No. US20030191300A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Monia, Brett P.
; APPLICANT: Nickoloff, Brian J.
; APPLICANT: Zhang, QiongQing
; TITLE OF INVENTION: Antisense Modulation of bcl-x Expression
; FILE REFERENCE: ISPH-0528
; CURRENT APPLICATION NUMBER: US/10/302,262
; PRIOR FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US/09/734,846
; PRIOR FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: 09/277,020
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 08/167,921
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 09/323,743
; PRIOR FILING DATE: 1999-06-02
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-302-262-11

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2830 GGGAGCTGCTGCTCACTT 2849
Db 20 GGGAGCTGCTGCTCACTT 1

```
RESULT 628
US-10-126-355-29/c
; Sequence 29, Application US/10126355
; Publication No. US20030198965A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF HYDROXYSTEROID
; FILE REFERENCE: R15-0428
; CURRENT APPLICATION NUMBER: US/10/126,355
; PRIOR FILING DATE: 2002-04-19
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-126-355-29

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3324 CCCACAGCCTGGAGCTACGA 3343
DB      20  CCCACTGCCTGGAGCTTGA 1

RESULT 629
US-10-314-578-38
; Sequence 38, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; PRIOR FILING DATE: 2002-12-09
; CURRENT APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-38

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1357 TGCACAGGGTCTCTGAGTCT 1376
DB      1  TCCATGACGCTCTCTGAGTCT 20

RESULT 630
US-10-314-578-39
; Sequence 39, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.

RESULT 631
US-10-380-931-93/c
; Sequence 93, Application US/10380931
; Publication No. US20030215944A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
; FILE REFERENCE: R15P-0187
; CURRENT APPLICATION NUMBER: US/10/380,931
; PRIOR FILING DATE: 2003-03-18
; PRIOR APPLICATION NUMBER: 09/676,610
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-931-93

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3833 CCCGTCAGCTCCAGGCC 3852
DB      20  CCCGTCCTCTCTCAGGACC 1

RESULT 632
US-10-424-233-41
; Sequence 41, Application US/10424233
; Publication No. US20030220263A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: NOVEL HUMAN LEUCINE-RICH REPEAT-CONTAINING PROTEINS SPECIFICALLY
; FILE REFERENCE: D0233 NP
```



```
; CURRENT APPLICATION NUMBER: US/10/424.233
; CURRENT FILING DATE: 2003-04-25
; PRIOR APPLICATION NUMBER: U.S. 60/375,335
; PRIOR FILING DATE: 2002-04-25
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-424-233-41

Query Match
Best Local Similarity 0.3%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1578 TTGGTGATCTTGTTGAAC 1597
DB 1 TTGGTGAGCTTGTGAATC 20

RESULT 633
US-10-388-263-762/c
; Sequence 762, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeill, John
; APPLICANT: Freiler, Susan M.
; APPLICANT: Saamor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 762
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-762

Query Match
Best Local Similarity 0.3%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 821 GGAGGAGGAGCAGCAGCG 840
DB 20 GCAGGAGGAGCAGCAGCG 1

RESULT 634
US-10-173-902-19/c
; Sequence 19, Application US/10173902
; Publication No. US20030232769A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 39 EXPRESSION
; FILE REFERENCE: Pts-0044
; CURRENT APPLICATION NUMBER: US/10/173,902
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 74
```

```
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-902-19

Query Match
Best Local Similarity 0.3%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3755 GCTGCGCTCCTTCACGTCGT 3774
DB 20 GCTACGCTGCTGCACGTCGT 1

RESULT 635
US-10-173-902-52
; Sequence 52, Application US/10173902
; Publication No. US20030232769A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 39 EXPRESSION
; FILE REFERENCE: Pts-0044
; CURRENT APPLICATION NUMBER: US/10/173,902
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 74
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-173-902-52

Query Match
Best Local Similarity 0.3%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3755 GCTGCGCTCCTTCACGTCGT 3774
DB 1 GCTACGCTGCTGCACGTCGT 20

RESULT 636
US-10-177-554-158
; Sequence 158, Application US/10177554
; Publication No. US20030235911A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION
; FILE REFERENCE: Pts-0370
; CURRENT APPLICATION NUMBER: US/10/177,554
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 158
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-554-158

Query Match
Best Local Similarity 0.3%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 571 CCAGGACAGGCAAGACGCG 590
DB 1 CTAGACAGGCAAGACGCG 20
```

```
RESULT 637
US-10-349-143-10366/c
; Sequence 10366, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10366
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-11449 for SEQ 2501, in complement
US-10-349-143-10366

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4923 CACAGTTAGCCAGCCCC 4942
Db      20 CAGAGTTAGCCAGTCCCC 1

RESULT 638
US-10-349-143-10608
; Sequence 10608, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10608
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-16751 for SEQ 2743, in complement
US-10-349-143-10608

Query Match      0.3%; Score 15.2; DB 1; Length 20;
```

```
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3475 AGGAGTCAGGCCCACTGAC 3494
Db      1 AGGAGCAAGACCCAGAGAC 20

RESULT 639
US-10-190-366-210/c
; Sequence 210, Application US/10190366
; Publication No. US20040006031A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
; FILE REFERENCE: PTS-0023
; CURRENT APPLICATION NUMBER: US/10/190,366
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 409
; SEQ ID NO 210
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-190-366-210

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4850 AGCTGGGCTAGAGATGCCA 4869
Db      20 AGCTGGGCCAGAGAGACA 1

RESULT 640
US-10-190-366-403
; Sequence 403, Application US/10190366
; Publication No. US20040006031A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
; FILE REFERENCE: PTS-0023
; CURRENT APPLICATION NUMBER: US/10/190,366
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 409
; SEQ ID NO 403
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
; OTHER INFORMATION:
US-10-190-366-403

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4850 AGCTGGGCTAGAGATGCCA 4869
Db      1 AGCTGGGCCAGAGAGACA 20

RESULT 641
US-10-289-762-2051/c
; Sequence 2051, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
```

```

; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2051
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-2051

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2098 TCAATGGAACCTCCTTAGG 2117
Db      20   TCAATGAAGCTCCGTAGG 1

RESULT 642
US-10-289-762-2860/c
; Sequence 2860, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2860
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-2860

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4242 TGCCTGTGAGCTTAGACC 4261
Db      20   TGCCTGTGAGCTTAGCTCC 1

RESULT 643
US-10-199-675-75
; Sequence 75, Application US/10199675
; Publication No. US20040014050A1
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF EDG8 EXPRESSION
; FILE REFERENCE: RTS-0371
; CURRENT APPLICATION NUMBER: US/10/199,675
; CURRENT FILING DATE: 2002-07-19
; NUMBER OF SEQ ID NOS: 112
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-675-75

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      4634 AAGGCGCGGCTTAGAG 4653
Db      1     AAGGATCGGCTTCAGAG 20

RESULT 644
US-10-200-293-65/c
; Sequence 65, Application US/10200293
; Publication No. US20040014699A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRM EXPRESSION
; FILE REFERENCE: PTS-0040
; CURRENT APPLICATION NUMBER: US/10/200,293
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 119
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-200-293-65

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1284 ATCAATGATGTGCAAGCT 1303
Db      20   ATCATCATGTGATCAATCT 1

RESULT 645
US-10-188-248-126
; Sequence 126, Application US/10188248
; Publication No. US20040029790A1
; GENERAL INFORMATION:
; APPLICANT: Patlurajan, Meera
; APPLICANT: Gerlach, Valerie
; APPLICANT: Anderson, David W.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Casman, Stacie J.
; APPLICANT: Hjalte, Tord
; APPLICANT: Miller, Charles E.
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Malysankar, Uriel M.
; APPLICANT: Zhong, Mei
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Li, Li
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Gorman, Linda
; APPLICANT: Edinger, Shlomit R.
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS
; FILE REFERENCE: 21402-297D
; CURRENT APPLICATION NUMBER: US/10/188,248
; CURRENT FILING DATE: 2002-07-02
; PRIOR APPLICATION NUMBER: 60/303,046
; PRIOR FILING DATE: 2001-07-05
; PRIOR APPLICATION NUMBER: 60/303,828
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: 60/358,932
; PRIOR FILING DATE: 2002-02-22
; PRIOR APPLICATION NUMBER: 60/304,502
; PRIOR FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: 60/305,011
; PRIOR FILING DATE: 2001-07-12
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; PRIOR APPLICATION NUMBER: 60/305,262
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 60/307,536
; PRIOR FILING DATE: 2001-07-24
; PRIOR APPLICATION NUMBER: 60/306,085
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 60/308,228
; PRIOR FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: 60/323,449
; PRIOR FILING DATE: 2001-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 234
; SOFTWARE: CuroSeqList version 0.1
; SEQ ID NO 126
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-188-248-126

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      337 TCCTTTCCTCCTGAGCCG 356
DB      1  TCCCTTCCTTACTGAGTGC 20

RESULT 646
US-10-188-248-129
; Sequence 129, Application US/10188248
; Publication No. US20040029790A1
; GENERAL INFORMATION:
; APPLICANT: Paturajan, Meera
; APPLICANT: Gerlach, Valerie
; APPLICANT: Anderson, David W.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Casman, Stacie J.
; APPLICANT: Hjal, Tord
; APPLICANT: Miller, Charles E.
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Shinkets, Richard A.
; APPLICANT: Malyankar, Urfel M.
; APPLICANT: Zhong, Mei
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Li, Li
; APPLICANT: Shenoy, Sureesh G.
; APPLICANT: Bolinger, Shlomte R.
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS C
; TITLE OF INVENTION: THE SAME
; FILE REFERENCE: 21402-237D
; CURRENT APPLICATION NUMBER: US/10/188,248
; CURRENT FILING DATE: 2002-07-02
; PRIOR APPLICATION NUMBER: 60/303,046
; PRIOR FILING DATE: 2001-07-05
; PRIOR APPLICATION NUMBER: 60/303,828
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: 60/358,932
; PRIOR FILING DATE: 2002-02-22
; PRIOR APPLICATION NUMBER: 60/304,502
; PRIOR FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: 60/305,011
; PRIOR FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: 60/305,262
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 60/307,536
; PRIOR FILING DATE: 2001-07-24
; PRIOR APPLICATION NUMBER: 60/306,085
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; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 60/308,228
; PRIOR FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: 60/323,449
; PRIOR FILING DATE: 2001-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 234
; SOFTWARE: CuroSeqList version 0.1
; SEQ ID NO 129
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-188-248-129

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      337 TCCTTTCCTCCTGAGCCG 356
DB      1  TCCCTTCCTTACTGAGTGC 20

RESULT 647
US-10-449-237-2/c
; Sequence 2, Application US/10449237
; Publication No. US20040034206A1
; GENERAL INFORMATION:
; APPLICANT: Malcolm, Bruce
; APPLICANT: Reyes, Gregory R.
; TITLE OF INVENTION: COMBINATING THERAPY FOR RNA VIRUS INFECTIONS
; TITLE OF INVENTION: INVOLVING RIBAVIRIN AND IMPDH INHIBITORS
; FILE REFERENCE: ID01586-K-US
; CURRENT APPLICATION NUMBER: US/10/449,237
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: 60/384,658
; PRIOR FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: 60/405,546
; PRIOR FILING DATE: 2002-08-22
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-449-237-2

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2991 GAAACGACGTGCCATCTA 3010
DB      20  GAAACGACGTGCCATCAA 1

RESULT 648
US-10-409-107A-59/c
; Sequence 59, Application US/10409107A
; Publication No. US20040053288A1
; GENERAL INFORMATION:
; APPLICANT: YANAI, Yoshiaki
; APPLICANT: YAMAMOTO, Shigetō
; APPLICANT: YAMAMOTO, Kozo
; APPLICANT: IKEGAMI, Hakuo
; TITLE OF INVENTION: Method for estimating therapeutic efficacy of tumor necrosis
; TITLE OF INVENTION: factor
; FILE REFERENCE: YANAI-3
; CURRENT APPLICATION NUMBER: US/10/409,107A
; CURRENT FILING DATE: 2003-04-19
; PRIOR APPLICATION NUMBER: JP 107126/2002
```

PRIOR FILING DATE: 2002-04-09
NUMBER OF SEQ ID NOS: 100
SOFTWARE: PatentIn version 3.2
SEQ ID NO 59
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Oligonucleotide used as primer for PCR detection of p38 mRNA
US-10-409-107A-59.

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3936 CTGCCAGTCAAGAGCCCGGC 3955
DB 20 CTTCCAGTCAACAGCTCGGC 1

RESULT 649
US-10-363-828-60/c
Sequence 60, Application US/10363828
Publication No. US20040076973A1
GENERAL INFORMATION:
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF UBIQUITIN PROTEIN LIGASE EXPRESSION
FILE REFERENCE: RPS-0164
CURRENT APPLICATION NUMBER: US/10/363,828
CURRENT FILING DATE: 2003-03-06
PRIOR APPLICATION NUMBER: 09/657,481
PRIOR FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 93
SEQ ID NO 60
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-363-828-60

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1651 GAGAAGCTTCTGCCAGCTC 1670
DB 20 GATATGGCATCTGCCAGCTC 1

RESULT 650
US-10-273-826-22/c
Sequence 22, Application US/10273826
Publication No. US20040077083A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 4 EXPRESSION
FILE REFERENCE: RPS-0161
CURRENT APPLICATION NUMBER: US/10/273,826
CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-273-826-22

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1674 CAGCAGTGAAGAACAGCA 1693
DB 20 CAGCAGCTCAAGAACAGCA 1

RESULT 651
US-10-273-826-33
Sequence 33, Application US/10273826
Publication No. US20040077083A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 4 EXPRESSION
FILE REFERENCE: RPS-0161
CURRENT APPLICATION NUMBER: US/10/273,826
CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-273-826-33

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2605 GTGACACAGCCCTGTCTT 2624
DB 1 GTGACACAGCCCTGTCTT 20

RESULT 652
US-10-274-347-22/c
Sequence 22, Application US/10274347
Publication No. US20040077084A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
APPLICANT: Steven Davidsen
APPLICANT: Junling Li
TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 4 EXPRESSION
FILE REFERENCE: RPS-0264
CURRENT APPLICATION NUMBER: US/10/274,347
CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-274-347-22

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1674 CAGCAGTGAAGAACAGCA 1693
DB 20 CAGCAGCTCAAGAACAGCA 1

RESULT 653
US-10-274-347-33
Sequence 33, Application US/10274347
Publication No. US20040077084A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
APPLICANT: Steven Davidsen

```

; APPLICANT: Junling Li
; APPLICANT: Keith Glaser
; TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 4 EXPRESSION
; FILE REFERENCE: RTS-0264
; CURRENT APPLICATION NUMBER: US/10/274,347
; CURRENT FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-274-347-33

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2605 GTGACCCAGCCCTGTCTTT 2624
DB      1 GTGACCACTGGCCGCTCTT 20

RESULT 654
US-10-300-424-68/c
; Sequence 68, Application US/10300424
; Publication No. US20040096835A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF TNFSF14 EXPRESSION
; FILE REFERENCE: RTS-0437
; CURRENT APPLICATION NUMBER: US/10/300,424
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 129
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-424-68

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3263 GGGGCCCTTGGGCCACCAA 3282
DB      20 GGGGCCCTTGTGTACACCA 1

RESULT 655
US-10-300-424-120
; Sequence 120, Application US/10300424
; Publication No. US20040096835A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF TNFSF14 EXPRESSION
; FILE REFERENCE: RTS-0437
; CURRENT APPLICATION NUMBER: US/10/300,424
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 129
; SEQ ID NO 120
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-300-424-120

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      3263 GGGGCCCTTGGGCCACCAA 3282
DB      1 GGGGCCCTTGTGTACACCA 20

RESULT 656
US-10-623-472-21/c
; Sequence 21, Application US/10623472
; Publication No. US20040096913A1
; GENERAL INFORMATION:
; APPLICANT: Rijksuniversiteit Groningen
; APPLICANT: Bodeke, Erik H.W.G.M.
; APPLICANT: Biber, Knut
; TITLE OF INVENTION: Cloning and expression of a new MCP receptor in glial cells
; FILE REFERENCE: 2183-60420S
; CURRENT APPLICATION NUMBER: US/10/623,472
; CURRENT FILING DATE: 2003-07-18
; PRIOR APPLICATION NUMBER: PCT/NL02/00039
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: EP 01200181.4
; PRIOR FILING DATE: 2001-01-18
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer sequence for D6
US-10-623-472-21

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1667 GCTCTGTCAGCAGATGAGA 1686
DB      20 GCTCATGACGATGATGAGA 1

RESULT 657
US-10-688-706-1471
; Sequence 1471, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1471
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-1471

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      423 CAGTTGACATGGAGGGCC 442
DB      1 CAGATTGAAGTGGAGGGTCC 20
```

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RESULT 658
US-10-316-232-22/C
; Sequence 22, Application US/10316232
; Publication No. US20040110144A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF EMAP-II EXPRESSION
; FILE REFERENCE: HTS-0074
; CURRENT APPLICATION NUMBER: US/10/316,232
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 72
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-232-22

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1403 AGTCACTTTGAGGTGAAG 1422
DB      20 AGTCCCTTTGAGGTGAAG 1

RESULT 659
US-10-316-232-55
; Sequence 55, Application US/10316232
; Publication No. US20040110144A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF EMAP-II EXPRESSION
; FILE REFERENCE: HTS-0074
; CURRENT APPLICATION NUMBER: US/10/316,232
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 72
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-232-55

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1403 AGTCACTTTGAGGTGAAG 1422
DB      1 AGTCCCTTTGAGGTGAAG 20

RESULT 660
US-10-477-435-16
; Sequence 16, Application US/10477435
; Publication No. US20040115688A1
; GENERAL INFORMATION:
; APPLICANT: SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH
; APPLICANT: Cheung, Nai-Kong V.
; APPLICANT: Irene Y.
; TITLE OF INVENTION: Detection of G2D Synthase mRNA And Uses Thereof
; FILE REFERENCE: 652-A-PCT
; CURRENT APPLICATION NUMBER: US/10/477,435
; CURRENT FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: US 60/290,527
; PRIOR FILING DATE: 2001-05-11

; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: human
; FEATURE:
; NAME/KEY: primer bind
; LOCATION: (1)..(20)
; OTHER INFORMATION: BAGE forward primer
US-10-477-435-16

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1583 GATCTGTGTGGAACAGAGA 1602
DB      1 GATGTGTGTGCAACAGAGA 20

RESULT 661
US-10-303-588-44/C
; Sequence 44, Application US/10303588
; Publication No. US20040116364A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF DEATH-ASSOCIATED PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: HTS-0071
; CURRENT APPLICATION NUMBER: US/10/303,588
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-588-44

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1885 AGAGTGCTGCGAGATCCTC 1904
DB      20 AGGAGCTGCTGCAGATCCTC 1

RESULT 662
US-10-303-588-75
; Sequence 75, Application US/10303588
; Publication No. US20040116364A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF DEATH-ASSOCIATED PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: HTS-0071
; CURRENT APPLICATION NUMBER: US/10/303,588
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-588-75

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1885 AGAGTGCTGCGAGATCCTC 1904
DB      1 AGGAGCTGCTGCAGATCCTC 1
```

```
Db      1 AGGAGCTGCTGCAGATCCTC 20

RESULT 663
US-10-744-831-81
; Sequence 81, Application US/10744831
; Publication No. US20040121977A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACTIVATING TRANSCRIPTION FACTOR 3 EXPRESS
; FILE REFERENCE: RFS-0331
; CURRENT APPLICATION NUMBER: US/10/744,831
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: US/10/010,002
; PRIOR FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-744-831-81

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3473 ACAGAGTCAAGGCCAGTG 3492
Db      1 AAAGAGCCAGAGGCCAGTG 20

RESULT 664
US-10-671-395-648/C
; Sequence 648, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOVAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 648
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-648

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3018 CTCACCCACCTGCGGAGTT 3037
Db      20 CTCAGCCACCATCTGGAGTT 1

RESULT 665
US-10-652-795-275
; Sequence 275, Application US/10652795
; Publication No. US20040142346A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda

Db      1 AGGAGCTGCTGCAGATCCTC 20

RESULT 666
US-10-647-918-275
; Sequence 275, Application US/10647918
; Publication No. US20040152652A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-AL
; TITLE OF INVENTION: ALPHA) EXPRESSION
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/647,918
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 275
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-647-918-275

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1602 AAGGAGAAGATCCTGCGGAA 1621
Db      1 AAGGAGAAGAGGCTGAGGAA 20

RESULT 667
US-10-641-455A-233
; Sequence 233, Application US/10641455A
; APPLICANT: Baker, Brenda

Db      1 AGGAGCTGCTGCAGATCCTC 20

RESULT 668
US-10-641-455A-233
; Sequence 233, Application US/10641455A
; APPLICANT: Baker, Brenda
```


Publication No. US2004017156A1
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Gaarde, William A.
APPLICANT: Nero, Pamela S.
APPLICANT: McKay, Robert
APPLICANT: Popoff, Ian
APPLICANT: Wong, Mai Shu Fred
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
PROTEIN OF INVENTION: Activated Protein Kinase Expression
FILE REFERENCE: ISPH-0762
CURRENT APPLICATION NUMBER: US/10/641,455A
CURRENT FILING DATE: 2003-08-15
PRIOR APPLICATION NUMBER: US 10/238,442
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 09/640,101
PRIOR FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: US 09/286,904
PRIOR FILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 266
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 233
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-641-455A-233

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 652 GGAATGCGTTTACACTTAC 671
Db 1 GGAATGCGTTTACACTTAC 20

RESULT 668
US-10-476-021-45
Sequence 45, Application US/10476021
Publication No. US20040186069A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION
FILE REFERENCE: RTS-0216
CURRENT APPLICATION NUMBER: US/10/476,021
CURRENT FILING DATE: 2003-10-24
PRIOR APPLICATION NUMBER: US/09/844,634
PRIOR FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 45
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-476-021-45

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4143 CTCGCGGACCTCTGCTG 4162
Db 1 CTCGCGGACCTCTGCTG 20

RESULT 669
US-10-476-962-33/c
Sequence 33, Application US/10476962
Publication No. US20040191904A1

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
FILE REFERENCE: RTS-0222
CURRENT APPLICATION NUMBER: US/10/476,962
CURRENT FILING DATE: 2003-11-05
PRIOR APPLICATION NUMBER: PRIOR APPLICATION NUMBER: US/09/860,473
PRIOR FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 169
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-476-962-33

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 274 CTCCTCTCTCTCTCTCT 293
Db 20 CTCCTCTCTCTCTCTCT 1

RESULT 670
US-09-736-084-71/c
Sequence 71, Application US/09736084
Patent No. US20020107211A1
GENERAL INFORMATION:

APPLICANT: THE ROCKEFELLER UNIVERSITY
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/736,084
FILING DATE: 13-Dec-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995
APPLICATION NUMBER: 08/347,563
FILING DATE: No. US20020107211A1
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: DNA (primer)
 DESCRIPTION: sequence tagged-site specific PCR primer
 HYPOTHEICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Human
 SEQUENCE DESCRIPTION: SEQ ID NO: 71:
 US-09-736-084-71

Query Match 0.3%; Score 15.2; DB 1; Length 21;
 Best Local Similarity 85.0%; Pred. No. 7e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3581 CCGAGTTCCTCCCTAGC 3600
 DB 21 CCGAGTTCCTCCCTAAC 2

RESULT 671
 US-09-816-814-7/C
 Sequence 7, Application US/09816814
 Publication No. US20030027136A1
 GENERAL INFORMATION:
 APPLICANT: Geronzy, Jorg J.
 TITLE OF INVENTION: RHEUMATOID ARTHRITIS MARKERS
 FILE REFERENCE: 07039-251001
 CURRENT APPLICATION NUMBER: US/09/816,814
 CURRENT FILING DATE: 2001-03-23
 NUMBER OF SEQ ID NOS: 23
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 7
 LENGTH: 21
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: primer for PCR
 US-09-816-814-7

Query Match 0.3%; Score 15.2; DB 1; Length 21;
 Best Local Similarity 85.0%; Pred. No. 7e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 385 GGTGGCAGCAGCCGAGCCA 404
 DB 21 GGTGGCAGCAGCCGTGCCA 2

RESULT 672
 US-10-023-066A-45
 Sequence 45, Application US/10023066A
 Publication No. US20030056242A1
 GENERAL INFORMATION:
 APPLICANT: E. I. DU PONT DE NEMOURS AND COMPANY
 TITLE OF INVENTION: CHIMERIC GENES AND METHODS FOR INCREASING THE LYSINE AND THREONINE CONTENT OF THE SEEDS OF PLANTS
 NUMBER OF SEQUENCES: 107
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: E. I. DU PONT DE NEMOURS AND COMPANY
 STREET: 1007 MARKET STREET
 CITY: WILMINGTON
 STATE: DELAWARE
 COUNTRY: U.S.A.
 ZIP: 19898
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY DISK
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: MICROSOFT WORD VERSION 2.0C

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/023,066A
 FILING DATE: 29-Apr-2002
 CLASSIFICATION: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: BARBARA C. SIEGEL
 REGISTRATION NUMBER: 30,684
 REFERENCE/DOCKET NUMBER: BB-1037-C
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 302-992-4931
 TELEFAX: 302-773-0164
 TELEX: 835420
 INFORMATION FOR SEQ ID NO: 45:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 21 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: 1..21
 OTHER INFORMATION: /product="synthetic oligonucleotide"
 /strand_name="SM 90"
 SEQUENCE DESCRIPTION: SEQ ID NO: 45:
 US-10-023-066A-45

Query Match 0.3%; Score 15.2; DB 1; Length 21;
 Best Local Similarity 85.0%; Pred. No. 7e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2800 AGAAGAGAAATGAAGA 2819
 DB 2 ATGAGAGAGAAATGAAGA 21

RESULT 673
 US-10-214-932-117
 Sequence 117, Application US/10214932
 Publication No. US20030100707A1
 GENERAL INFORMATION:
 APPLICANT: HWANG, Inhwan
 APPLICANT: KIM, Dae Heon
 APPLICANT: LEE, Yong Uik
 TITLE OF INVENTION: SYSTEM FOR DETECTING PROTEASE
 FILE REFERENCE: APB02/US
 CURRENT APPLICATION NUMBER: US/10/214,932
 CURRENT FILING DATE: 2002-08-08
 NUMBER OF SEQ ID NOS: 133
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 117
 LENGTH: 21
 TYPE: DNA
 ORGANISM: Artificial
 FEATURE:
 OTHER INFORMATION: Synthetic Sequence
 NAME/KEY: CDS
 LOCATION: (1)..(21)
 OTHER INFORMATION: Platelet glycoprotein V thrombin cleavage sequence
 US-10-214-932-117

Query Match 0.3%; Score 15.2; DB 1; Length 21;
 Best Local Similarity 85.0%; Pred. No. 7e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3844 CCGAGCCCGGCGCGCC 3863
 DB 1 CCGAGCCCGGCGCGCC 20

RESULT 674
US-10-168-080-7
; Sequence 7, Application US/10168080
; Publication No. US20030157501A1
; GENERAL INFORMATION:
; APPLICANT: SUGIHARA, TAKASHI
; APPLICANT: MADHWA, RENU
; TITLE OF INVENTION: NOVEL HUMAN RNA HELICASE, HELICAIN
; FILE REFERENCE: 084335/0164
; CURRENT APPLICATION NUMBER: US/10/168,080
; PRIOR FILING DATE: 2002-06-17
; PRIOR APPLICATION NUMBER: PCT/JP00/08908
; PRIOR FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: JP 1999-357406
; PRIOR FILING DATE: 1999-12-16
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Artificially
US-10-168-080-7

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3238 TCATCAACCCCACTACATG 3257
Db 2 TCATTGACCTCACTACATG 21

RESULT 675
US-10-435-766-39/c
; Sequence 39, Application US/10435766
; Publication No. US20030228616A1
; GENERAL INFORMATION:
; APPLICANT: Strategene
; APPLICANT: Sorge, Joseph A
; APPLICANT: Arezi, Bahram
; APPLICANT: Hogrefe, Holly
; APPLICANT: Hansen, Connie J
; TITLE OF INVENTION: DNA Polymerase Mutants with Reverse Transcriptase Activity
; FILE REFERENCE: 25436/1565C
; CURRENT APPLICATION NUMBER: US/10/435,766
; PRIOR FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: US 10/223,650
; PRIOR FILING DATE: 2002-08-19
; PRIOR APPLICATION NUMBER: US 09/896,923
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 09/698,341
; PRIOR FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: US 60/162,600
; PRIOR FILING DATE: 1999-10-29
; PRIOR APPLICATION NUMBER: PCT/US00/29706
; PRIOR FILING DATE: 2000-10-27
; NUMBER OF SEQ ID NOS: 104
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 39
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide for GAPDH target amplification
US-10-435-766-39

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3238 TCATCAACCCCACTACATG 3257
Db 20 TCATTGACCTCACTACATG 1

RESULT 676
US-10-233-958-38/c
; Sequence 38, Application US/10233958
; Publication No. US20040009468A1
; GENERAL INFORMATION:
; APPLICANT: Mach, Bernard
; APPLICANT: Conrad, Bernard
; TITLE OF INVENTION: Allelic Variants of HER V-K18, Method for the Analysis
; TITLE OF INVENTION: Thereof and Use in the Determination of Genetic
; TITLE OF INVENTION: Predisposition for Disorders Involving the HERV-K18
; TITLE OF INVENTION: Provirus
; FILE REFERENCE: 23135-504
; CURRENT APPLICATION NUMBER: US/10/233,958
; PRIOR FILING DATE: 2002-09-03
; PRIOR APPLICATION NUMBER: 60/316,513
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 60/316,522
; PRIOR FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 38
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
US-10-233-958-38

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4768 AGGATCTACCTGCTTCTC 4787
Db 21 AGGATCCACATGCTTCTC 2

RESULT 677
US-10-658-904-21
; Sequence 21, Application US/10658904
; Publication No. US20040048305A1
; GENERAL INFORMATION:
; APPLICANT: Kapeller-Libermann, Rosana
; TITLE OF INVENTION: Protein Kinase and Uses Thereof
; TITLE OF INVENTION: 14171 Protein Kinase, A No. US20040048305A1 Human
; FILE REFERENCE: ME100-010P1RCP1M
; CURRENT APPLICATION NUMBER: US/10/658,904
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 09/781,882
; PRIOR FILING DATE: 2001-02-12
; PRIOR APPLICATION NUMBER: 60/182,096
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: siRNA target sequence
US-10-658-904-21

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```
QY      1533 AAGAAATCCTGCAGCTCAT 1552
Db      1 AAGAAATCCTGCAGCTCAT 20

RESULT 678
US-10-307-817-657
; Sequence 657, Application US/10307817
; Publication No. US20040058338A1
; GENERAL INFORMATION:
; APPLICANT: Agee et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-502C
; CURRENT APPLICATION NUMBER: US/10/307,817
; CURRENT FILING DATE: 2002-12-02
; NUMBER OF SEQ ID NOS: 682
; SOFTWARE: Cursseqblast version 0.1
; SEQ ID NO 657
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-307-817-657

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 3;

QY      391 AGCAGCCGAGCCACCAAGA 410
Db      2 AGTAGCTGAGGTCCACAGA 21

RESULT 679
US-10-383-864-12
; Sequence 12, Application US/10383864
; Publication No. US20040081976A1
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: SIDRANSKY, David
; TITLE OF INVENTION: GENOMIC SCREEN FOR EPIGENETICALLY SILENCED TUMOR SUPPRESSOR GENES
; FILE REFERENCE: JHU1860-1
; CURRENT APPLICATION NUMBER: US/10/383,864
; CURRENT FILING DATE: 2003-07-25
; PRIOR APPLICATION NUMBER: US 60/362,577
; PRIOR FILING DATE: 2002-03-07
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-383-864-12

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 3;

QY      2833 AGCTGTGTGTGAGTTTGGT 2852
Db      2 AGCTGTGTGTGAACTTTGGT 21

RESULT 680
US-10-302-028-7/c
; Sequence 7, Application US/10302028
; Publication No. US20040102392A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean

APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ADAM15 EXPRESSION
; FILE REFERENCE: HTS-0060
; CURRENT APPLICATION NUMBER: US/10/302,028
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 82
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Probe
US-10-302-028-7

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 3;

QY      809 CCCTGCGCGCTGAGGAG 828
Db      20 CCCTGCGCCAGTGGAGGAG 1

RESULT 681
US-10-672-794-26/c
; Sequence 26, Application US/10672794
; Publication No. US20040126794A1
; GENERAL INFORMATION:
; APPLICANT: Bugawan et al.
; TITLE OF INVENTION: Detection of Susceptibility to Autoimmune Diseases
; FILE REFERENCE: 1803-318-999
; CURRENT APPLICATION NUMBER: US/10/672,794
; CURRENT FILING DATE: 2003-09-25
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Artificial Sequence Type: Probe for HLA-A Allele
; OTHER INFORMATION: Sequence attaches to BSA at Position 1 on 5' end
US-10-672-794-26

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 3;

QY      2728 TGAAGACCAAGTCCAGACC 2747
Db      20 TGAAGGCCAGTCCAGACC 1

RESULT 682
US-10-605-498-6
; Sequence 6, Application US/10605498
; Publication No. US20040127441A1
; GENERAL INFORMATION:
; APPLICANT: Gleave, Martin
; APPLICANT: Rocchi, Palma
; APPLICANT: Signaevsky, Maxim
; TITLE OF INVENTION: Compositions and Methods for Treatment of Prostate and Other
; FILE REFERENCE: UBC-P-031
; CURRENT APPLICATION NUMBER: US/10/605,498
; CURRENT FILING DATE: 2003-10-02
; PRIOR APPLICATION NUMBER: US 60/415,859
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: US 60/463,952
; PRIOR FILING DATE: 2003-04-18
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.2
```

SEQ ID NO 6
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-605-498-6

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3365 GCTGGGGCCCTGCAGGAG 3384
DB 2 GCTGGGGCCCGCAGAGCG 21

RESULT 683
US-10-652-870-305/c
Sequence 305, Application US/10652870
Publication No. US20040167068A1
GENERAL INFORMATION:
APPLICANT: Zlotnick, Gary
APPLICANT: Fletcher, Leah
APPLICANT: John, Farley
APPLICANT: Bernfield, Liesel
APPLICANT: Zagursky, Robert
APPLICANT: Metcalf, Benjamin
TITLE OF INVENTION: Novel Immunogenic Compositions for the Prevention and Treatment of
FILE REFERENCE: 38523.000026
CURRENT APPLICATION NUMBER: US/10/652,870
CURRENT FILING DATE: 2003-09-02
PRIOR APPLICATION NUMBER: US 10/652,870
PRIOR FILING DATE: 2003-09-02
NUMBER OF SEQ ID NOS: 329
SOFTWARE: PatentIn version 3.1
SEQ ID NO 305
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-652-870-305

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3920 GAGCGCGCGCGCGCTGC 3939
DB 21 GACACCGCGCGCTCCGCTGC 2

RESULT 684
US-08-983-605-197
Sequence 197, Application US/08983605A
Publication No. US20020066118A1
GENERAL INFORMATION:
APPLICANT: Roder, Marion
TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
TITLE OF INVENTION: Triticum aestivum and Tribe Triticaceae and the Use of
FILE REFERENCE: 2936.10400
CURRENT APPLICATION NUMBER: US/08/983,605A
CURRENT FILING DATE: 1998-05-01
EARLIER APPLICATION NUMBER: DE 195 25 284.5
EARLIER FILING DATE: 1995-06-28
NUMBER OF SEQ ID NOS: 466
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 197
LENGTH: 22
TYPE: DNA
ORGANISM: Triticum aestivum
US-08-983-605-197

Query Match 0.3%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 7.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 275 TCTCTTCTCTCTCTCTC 294
DB 3 TCGCTTCATCTCTCTCTC 22

RESULT 685
US-09-999-183-8/c
Sequence 8, Application US/09999183
Patent No. US20020147169A1
GENERAL INFORMATION:
APPLICANT: MITROPANOUS, et al
TITLE OF INVENTION: In Vivo Selection Method
FILE REFERENCE: 674523-2009
CURRENT APPLICATION NUMBER: US/09/999,183
CURRENT FILING DATE: 2001-11-29
PRIOR APPLICATION NUMBER: PCT/GB00/02136
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: 9912965.2
PRIOR FILING DATE: 1999-06-03
NUMBER OF SEQ ID NOS: 26
SOFTWARE: SeqMan99
SEQ ID NO 8
LENGTH: 22
TYPE: RNA
ORGANISM: Human immunodeficiency virus type I
US-09-999-183-8

Query Match 0.3%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 7.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2620 TCTTGGCAGATTGAGCA 2639
DB 20 TCTTGGCAGATTGAGCA 1

RESULT 686
US-09-825-751A-34/c
Sequence 34, Application US/09825751A
Publication No. US20030065140A1
GENERAL INFORMATION:
APPLICANT: Curagen Corporation
APPLICANT: Vernet, Corine A.M.
APPLICANT: Fernandes, Elma R.
APPLICANT: Taupier, Raymond J
APPLICANT: Quinn, Kerry E
APPLICANT: Spytek, Kimberly A
APPLICANT: Rastelli, Luca
TITLE OF INVENTION: Novel Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 15966-750
CURRENT APPLICATION NUMBER: US/09/825,751A
CURRENT FILING DATE: 2001-04-30
PRIOR APPLICATION NUMBER: 60/194,314
PRIOR FILING DATE: 2000-04-03
PRIOR APPLICATION NUMBER: 60/225,693
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 85
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 34
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: Description of Artificial Sequence: Forward Ag 248
OTHER INFORMATION: primer
US-09-825-751A-34

Query Match 0.3%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 7.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1577 GTTGATCTGTGGGAAA 1596
DB 20 GTTGACATCTGTGGAAA 1

RESULT 687

US-10-299-867-32/c
; Sequence 32, Application US/10299867
; Publication No. US20030203406A1
; GENERAL INFORMATION:
; APPLICANT: Symphon, Carolyn J.
; APPLICANT: Autora, Rajeev
; APPLICANT: Dotson, Stanton B.
; APPLICANT: Frazier, Ronald B.
; APPLICANT: Woods, Cynthia L.
; APPLICANT: Zakeri, Hamideh
; APPLICANT: Zhou, Xianzhi
; TITLE OF INVENTION: Human methionine aminopeptidase type 3
; TITLE OF INVENTION: (hmacp-3)
; FILE REFERENCE: S03181-01-US
; CURRENT APPLICATION NUMBER: US/10/299,867
; CURRENT FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: US 60/125,139
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 09/523,263
; PRIOR FILING DATE: 2000-03-10
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 32
; LENGTH: 22
; TYPE: DNA
; ORGANISM: homo sapiens MAP3 REV1.2 primer
US-10-299-867-32

Query Match 0.3%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 7.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 422 GCAGTGTGAGGGG 441
DB 21 GCAGCTGCAGAGGAGG 2

RESULT 688

US-10-351-938-9/c
; Sequence 9, Application US/10351938
; Publication No. US20040009603A1
; GENERAL INFORMATION:
; APPLICANT: Oxford Biomedica (UK) Limited
; TITLE OF INVENTION: Anti-Viral Vectors
; FILE REFERENCE: 674524-2004
; CURRENT APPLICATION NUMBER: US/10/351,938
; CURRENT FILING DATE: 2003-01-27
; PRIOR APPLICATION NUMBER: US/09/552,950
; PRIOR FILING DATE: 2000-04-20
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:cleavage site GAG 3
US-10-351-938-9

Query Match 0.3%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 7.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2620 TCTTGCCATTGGAGCA 2639
DB 20 TCTTGCCATTGAAACA 1

RESULT 689

US-10-639-491-17/c
; Sequence 17, Application US/10639491
; Publication No. US200407230A1
; GENERAL INFORMATION:
; APPLICANT: HSUNG, CHAO AGNES
; APPLICANT: CHUANG, LEE-MING
; APPLICANT: HSIAO, CHIN-FU
; APPLICANT: TAI, TONG-YUAN
; TITLE OF INVENTION: HUMAN SORBS1 GENETIC VARIATIONS CONTRIBUTE TO INSULIN
; TITLE OF INVENTION: RESISTANCE, OBESITY, TYPE 2 DIABETES AND HYPERTENSION
; FILE REFERENCE: 8842.0007.00000
; CURRENT APPLICATION NUMBER: US/10/639,491
; CURRENT FILING DATE: 2003-08-13
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-639-491-17

Query Match 0.3%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 7.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2526 GACGAGTCTCTGGAATC 2545
DB 22 GACGAGAGCTCTGGAATC 3

RESULT 690
US-10-697-036-83/c
; Sequence 83, Application US/10697036
; Publication No. US20040137594A1
; GENERAL INFORMATION:
; APPLICANT: Sumitomo Chemical Co., Ltd.
; TITLE OF INVENTION: TRANSFORMED CELL WITH ENHANCED SENSITIVITY TO ANTIFUNGAL COMPOUN
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 078242
; CURRENT APPLICATION NUMBER: US/10/697,036
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: JP 2002/317736
; PRIOR FILING DATE: 2002-10-31
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 83
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Designed
US-10-697-036-83

Query Match 0.3%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 7.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3523 CTCAGAGAGCTGCGGCTG 3542
DB 21 CTCAGAGAGTCTGCGAGCTG 2

RESULT 691
US-10-415-570A-4

```
; Sequence 4, Application US/10415570A
; Publication No. US20040198649A1
; GENERAL INFORMATION:
; APPLICANT: Davis, John Beresford
; APPLICANT: Gunthorpe, Martin James
; APPLICANT: Egerton, Julie
; APPLICANT: Smart, Darren
; TITLE OF INVENTION: New Use
; FILE REFERENCE: P32689
; CURRENT APPLICATION NUMBER: US/10/415,570A
; PRIOR FILING DATE: 2003-04-23
; PRIOR APPLICATION NUMBER: PCT/GB01/04739
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: GB 0026114.9
; PRIOR FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-415-570A-4

Query Match      0.3%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 7.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2378 GAGGAGGAGCAGAGGCT 2397
Db      2 GAGGAGGCTGCTGAAGCTCT 21

RESULT 692
US-09-992-128-15/c
; Sequence 15, Application US/09992128
; Patent No. US20020119475A1
; GENERAL INFORMATION:
; APPLICANT: Ramberg, Elliot R.
; TITLE OF INVENTION: Methods and Compositions for Detection
; of Specific Nucleotide Sequences
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jones & Askew
; STREET: 191 Peachtree Street, 37th Floor
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: U.S.A.
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/992,128
; FILING DATE: 05-No. US20020119475A1-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/739,069
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Merchant, Mary Anthony
; REGISTRATION NUMBER: 39,771
; REFERENCE/DOCKET NUMBER: 03038-0110
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (404) 818-3790
; TELEFAX: (404) 818-3799
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
```

```
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: YES
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-09-992-128-15

Query Match      0.3%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1713 GACATGATCAGCATCTTCAT 1732
Db      23 GACACGATGACCATCTTCAT 4

RESULT 693
US-10-658-904-24
; Sequence 24, Application US/10658904
; Publication No. US20040048305A1
; GENERAL INFORMATION:
; APPLICANT: Kapeller-Libermann, Rosana
; APPLICANT: Millennium Pharmaceuticals, Inc.
; TITLE OF INVENTION: 14171 Protein Kinase, A No. US20040048305A1e1 Human
; FILE REFERENCE: MFI00-010PIRCPIM
; CURRENT APPLICATION NUMBER: US/10/658,904
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 09/781,882
; PRIOR FILING DATE: 2001-02-12
; PRIOR APPLICATION NUMBER: 60/182,096
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: siRNA sense strand, nucleotides 1-21 are
; OTHER INFORMATION: ribonucleic acid, nucleotides 22 and 23 are
; OTHER INFORMATION: deoxyribonucleic acid.
US-10-658-904-24

Query Match      0.3%; Score 15.2; DB 1; Length 23;
Best Local Similarity 65.0%; Pred. No. 8e+02;
Matches 13; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY      1533 AAGAAATCTGAGCTCAT 1552
Db      1 AAGAACAUCCGACAUCAU 20

RESULT 694
US-09-263-959-440/c
; Sequence 440, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
```

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMaisters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 440:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-440

Query Match 0.3%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCTCT 295
Db 15 TCTCTCTCTCTCTCT 1

RESULT 695
US-09-263-959-712
Sequence 712, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMaisters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 712:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-712

Query Match 0.3%; Score 15; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 281 TCTCTCTCTCTCTCT 295
Db 1 TCTCTCTCTCTCTCT 15

RESULT 696
US-09-263-959-717/c
Sequence 717, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMaisters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 717:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-717

Query Match 0.3%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCTCT 295
Db 15 TCTCTCTCTCTCTCT 1

RESULT 697
US-10-085-906-279
Sequence 279, Application US/10085906
Publication No. US20030054371A1
GENERAL INFORMATION:
APPLICANT: Ying, Vincent
APPLICANT: Wu, Paul
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
FILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
PRIOR FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: US 60/126,215


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; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 279
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-279

Query Match          0.3%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      281 TCTCTCTCTCTCTCT 295
Db      1 TCTCTCTCTCTCTCT 15

RESULT 698
US-09-817-014-142/c
; Sequence 142, Application US/09817014
; Patent No. US20020106646A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Hamels, Sandrine
; APPLICANT: Zammateo, Nathalie
; APPLICANT: Lockman, Laurence
; APPLICANT: Dufour, Sophie
; APPLICANT: Alexandre, Isabelle
; APPLICANT: De Longueville, Francoise
; TITLE OF INVENTION: IDENTIFICATION OF BIOLOGICAL
; TITLE OF INVENTION: (MICRO)ORGANISMS BY DETECTION OF THEIR HOMOLOGOUS NUCLEOTIDE
; FILE REFERENCE: VANM213.001AUS
; CURRENT APPLICATION NUMBER: US/09/817,014
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870055.1
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: EP 00870204.5
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus primer Consensus 5A,5B antisense
US-09-817-014-142

Query Match          0.3%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2380 GGAGGAGCAGAGG 2394
Db      15 GGAGGAGCAGAGG 1

RESULT 699
US-10-056-229-143/c
; Sequence 143, Application US/10056229
; Publication No. US20030198943A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Hamels, Sandrine
; APPLICANT: Zammateo, Nathalie
; APPLICANT: Lockman, Laurence
; APPLICANT: Dufour, Sophie
; APPLICANT: Alexandre, Isabelle
```

```
; APPLICANT: De Longueville, Francoise
; TITLE OF INVENTION: IDENTIFICATION OF A LARGE NUMBER OF
; TITLE OF INVENTION: BIOLOGICAL (MICRO)ORGANISMS GROUPS AT DIFFERENT
; TITLE OF INVENTION: LEVELS BY THEIR DETECTION ON A SAME ARRAY
; FILE REFERENCE: VANM213.001CPI
; CURRENT APPLICATION NUMBER: US/10/056,229
; CURRENT FILING DATE: 2002-01-23
; PRIOR APPLICATION NUMBER: EP 00870055.1
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: EP 00870204.5
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: US 09/817,014
; PRIOR FILING DATE: 2001-03-23
; NUMBER OF SEQ ID NOS: 321
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 143
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus primer Consensus 5A,5B antisense
US-10-056-229-143

Query Match          0.3%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2380 GGAGGAGCAGAGG 2394
Db      15 GGAGGAGCAGAGG 1

RESULT 700
US-10-628-525-28/c
; Sequence 28, Application US/10628525
; Publication No. US20040185114A1
; GENERAL INFORMATION:
; APPLICANT: Keeling, Peter
; APPLICANT: Guan, Hanning
; TITLE OF INVENTION: Starch Encapsulation
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Greenlee, Winner and Sullivan, P.C.
; STREET: 5370 Manhattan Circle
; CITY: Boulder
; STATE: CO
; COUNTRY: US
; ZIP: 80303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/628,525
; FILING DATE: 28-Jul-2003
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/941,445
; FILING DATE: 30-SEP-1997
; APPLICATION NUMBER: US 60/026,855
; FILING DATE: 30-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Winner, Ellen P
; REGISTRATION NUMBER: 28,547
; REFERENCE/DOCKET NUMBER: 89-97
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 499-8080
; TELEFAX: (303) 499-8089
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
```

```
STRANDEDNESS: double
TOPOLOGY: Not Relevant
MOLECULE TYPE: cDNA to mRNA
SEQUENCE DESCRIPTION: SEQ ID NO: 28
US-10-628-525-28

Query Match      0.3%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      281 TCTCTCTCTCTCT 295
Db      15 TCTCTCTCTCTCT 1

RESULT 701
US-09-866-108-6403
; Sequence 6403, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6403
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6403

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

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Qy      3058 AGATCAAGCTGCAGA 3072
Db      3 AGATCAAGCTGCAGA 17

RESULT 702
US-09-866-108-6404
; Sequence 6404, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6404
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6404

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      3058 AGATCAAGCTGCAGA 3072
Db      2 AGATCAAGCTGCAGA 16

RESULT 703
US-09-866-108-6405
; Sequence 6405, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
```

```
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 6405
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-6405

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3058 AGATCAAGCTGCAGA 3072
DB      1 AGATCAAGCTGCAGA 15

RESULT 704
US-09-864-785-552/C
; Sequence 552, Application US/09864785
; Patent No. US2002017568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwigen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of NF-kappa B
; FILE REFERENCE: 400/022 (MEHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
```

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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 552
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-552

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1640 CTCGAAAAGAGAGA 1654
DB      17 CTCGAAAAGAGAGA 3

RESULT 705
US-10-156-306-4972/C
; Sequence 4972, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4972
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-10-156-306-4972

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4042 GGCACACGAGGCTC 4056
DB      17 GGCACACGAGGCTC 3

RESULT 706
US-10-156-306-4973/C
; Sequence 4973, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IIR-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4973
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-10-156-306-4973

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4042 GGCACACGAGGCTC 4056
DB      17 GGCACACGAGGCTC 3
```

```
Db      16 GGCACACAGGGGCTC 2

RESULT 707
US-10-156-306-6977/c
; Sequence 6977, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH801-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6977
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-6977

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4042 GGCACACAGGGGCTC 4056
Db      15 GGCACACAGGGGCTC 1

RESULT 708
US-10-238-700-2/c
; Sequence 2, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH801-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3922 CGCCGCGCGCGCGC 3936
Db      17 CGCCGCGCGCGCGC 3

RESULT 709
US-10-138-674-8013
; Sequence 8013, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan

; APPLICANT: Bacobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH800-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8013
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-8013

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.4e+02;
Matches 13; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      362 ACAGGAAGTCAGTCA 376
Db      2 ACAGGAAGTCAGTCA 16

RESULT 710
US-10-287-949A-8013
; Sequence 8013, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Bacobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH800-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8013
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-8013

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.4e+02;
Matches 13; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      362 ACAGGAAGTCAGTCA 376
Db      2 ACAGGAAGTCAGTCA 16

RESULT 711
US-10-723-361-6403
; Sequence 6403, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AT
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
```

```
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 6403
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-6403
```

```
Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy      3058 AGATCAAGCTGCAGA 3072
Db      3 AGATCAAGCTGCAGA 17
```

```
RESULT 712
US-10-723-361-6404
; Sequence 6404, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
```

```
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 6404
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-6404
```

```
Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      3058 AGATCAAGCTGCAGA 3072
Db      2 AGATCAAGCTGCAGA 16
```

```
RESULT 713
US-10-723-361-6405
; Sequence 6405, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 6405
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-6405
```

```
Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      3058 AGATCAAGCTGCAGA 3072
Db      1 AGATCAAGCTGCAGA 15
```

```
RESULT 714
US-09-811-492-19
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```
; Sequence 19, Application US/09811492
; Publication No. US20020068703A1
; GENERAL INFORMATION:
; APPLICANT: SCHREIBER, ALAN D.
; PARK, JONG-GU
; TITLE OF INVENTION: METHODS OF INHIBITING PHAGOCYTOSIS
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHAYE P.C.
; STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/811,492
; FILING DATE: 19-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/657,884
; FILING DATE: 07-JUN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: WILSON, MARY J.
; REGISTRATION NUMBER: 32,955
; REFERENCE/DOCKET NUMBER: 555-46
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-811-492-19

Query Match      0.3%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      533 TGGCAACATCACCG 547
Db      3 TGGCAACATCACCG 17

RESULT 715
US-10-077-383-27/c
; Sequence 27, Application US/10077383
; Publication No. US20030050444A1
; GENERAL INFORMATION:
; APPLICANT: Haydock, Paul V.
; APPLICANT: U'Ren, Jack
; APPLICANT: Saigene Corporation
; TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
; TITLE OF INVENTION: DNA/RNA Mixed Polymer Intermediate Products
; FILE REFERENCE: 018048-001710US
; CURRENT APPLICATION NUMBER: US/10/077,383
; CURRENT FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US 60/296,812
; PRIOR FILING DATE: 2001-06-07
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
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```
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: spacer sequence
; OTHER INFORMATION: standard structure of AmpIII Primer
US-10-077-383-27

Query Match      0.3%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      281 TCTCTCTCTCTCTCT 295
Db      18 TCTCTCTCTCTCTCT 4

RESULT 716
US-10-357-488-35/c
; Sequence 35, Application US/10357488
; Publication No. US20030194730A1
; GENERAL INFORMATION:
; APPLICANT: Centre For DNA Fingerprinting and Diagnostics
; TITLE OF INVENTION: No. US20030194730A1 FISSR-PCR primers and markers and a method
; TITLE OF INVENTION: primers and markers for identifying genetic constitution and dir
; FILE REFERENCE: 782-indian
; CURRENT APPLICATION NUMBER: US/10/357,488
; CURRENT FILING DATE: 2003-02-04
; PRIOR APPLICATION NUMBER: 260/MAS/2002
; PRIOR FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A novel FISSR-PCR primer for genotyping eukaryotes
US-10-357-488-35

Query Match      0.3%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      280 TTCTCTCTCTCTCTC 294
Db      15 TTCTCTCTCTCTCTC 1

RESULT 717
US-10-349-143-6558/c
; Sequence 6558, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER 0200CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6558
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
```

NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-12338 for SEQ 2624,
US-10-349-143-6558

Query Match 0.3%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1034 GCTTCGAGAGCA 1048
Db 17 GCTTCGAGAGCA 3

RESULT 718
US-10-235-463-19/c
Sequence 19, Application US/10235463
Publication No. US20040043448A1
GENERAL INFORMATION:
APPLICANT: Ekstrand, Jonas
TITLE OF INVENTION: NEW NUCLEOTIDE SEQUENCES
FILE REFERENCE: 06275-165002
CURRENT APPLICATION NUMBER: US/10/235,463
CURRENT FILING DATE: 2003-01-10
PRIOR APPLICATION NUMBER: US 09/242,608
PRIOR FILING DATE: 1999-02-19
PRIOR APPLICATION NUMBER: PCT/SE98/01947
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: SWEDEN 9703914-2
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: SWEDEN 9800864-2
PRIOR FILING DATE: 1998-03-16
PRIOR APPLICATION NUMBER: SWEDEN 9802575-2
PRIOR FILING DATE: 1998-07-17
NUMBER OF SEQ ID NOS: 85
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 19
LENGTH: 19
TYPE: DNA
ORGANISM: Rattus norvegicus
US-10-235-463-19

Query Match 0.3%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1233 CTCTCCCGGGCCTC 1247
Db 19 CTCTCCCGGGCCTC 5

RESULT 719
US-10-665-951-1573
Sequence 1573, Application US/10665951
Publication No. US20040138163A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/131 (MBH02-742-F)
CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796

PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: US 10/306,747
PRIOR FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1573
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-665-951-1573

Query Match 0.3%; Score 15; DB 1; Length 19;
Best Local Similarity 80.0%; Pred. No. 6.5e+02;
Matches 12; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2831 GGAGCTGGGTGATGA 2845
Db 3 GGAGCTGGGTGATGA 17

RESULT 720
US-10-665-951-1820/c
Sequence 1820, Application US/10665951
Publication No. US20040138163A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/131 (MBH02-742-F)
CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: US 10/306,747
PRIOR FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1820
LENGTH: 19

```

; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-665-951-1820

Query Match          0.3%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2831 GGAGCTGTGTGTGA 2845
Db      17  GGAGCTGTGTGTGA 3

RESULT 721
US-09-802-669-53/c
; Sequence 53, Application US/09802669
; Patent No. US20020004490A1
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcussen, Eric G.
; APPLICANT: Wyatt, Jacqueline
; APPLICANT: Zhang, Hong
; TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISPH-545
; CURRENT APPLICATION NUMBER: US/09/802,669
; CURRENT FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: US 09/665,615
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/290,640
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 180
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-802-669-53

Query Match          0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1326 TCATCATTGAAGAC 1340
Db      16  TCATCATTGAAGAC 2

RESULT 722
US-09-263-959-1097
; Sequence 1097, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaisters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 1097:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-1097

Query Match          0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3469 GGACACAGAGTCA 3483
Db      1  GGACACAGAGTCA 15

RESULT 723
US-10-448-836-113/c
; Sequence 113, Application US/10448836
; Publication No. US2003020731A1
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Uoon, SJ HIGHTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min
; APPLICANT: PARK, Hee Kyung
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT APPLICATION NUMBER: US/10/448,836
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: KopatentIn 1.71
; SEQ ID NO 113
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium szulgai
US-10-448-836-113

Query Match          0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1986 CTGCCAAGCTGAG 2000
Db      19  CTGCCAAGCTGAG 5

RESULT 724
US-10-448-914A-113/c
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Query Match          0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 15: Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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RESULT 728
US-10-418-182-109/c


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; TITLE OF INVENTION: IDENTIFICATION OF A LARGE NUMBER OF
; TITLE OF INVENTION: BIOLOGICAL (MICRO)ORGANISMS GROUPS AT DIFFERENT
; FILE REFERENCE: VANM213.001CPI
; CURRENT APPLICATION NUMBER: US/10/056,229
; PRIOR FILING DATE: 2002-01-23
; PRIOR APPLICATION NUMBER: EP 00870055.1
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: EP 00870204.5
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: US 09/817,014
; PRIOR FILING DATE: 2001-03-23
; NUMBER OF SEQ ID NOS: 321
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 27
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus primer ACon63-1
US-10-056-229-27

Query Match          0.3%; Score 15; DB 1; Length 22;
Best Local Similarity 71.4%; Pred. No. 8.1e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      1571 GAATAGTGTGCTGATCTTGGT 1591
DB      22  GARTATGTTGCTGATCTTGGT 2

RESULT 733
US-10-114-270-402/C
; Sequence 402, Application US/10114270
; GENERAL INFORMATION:
; APPLICANT: Guo, Xiaojia
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Miller, Charles E.
; APPLICANT: Malyanekar, Uriel M.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Patuturajan, Meera
; APPLICANT: Liu, Ziaohong
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Li, Li
; APPLICANT: Verneil, Corine
; APPLICANT: Zethusen, Bryan D.
; APPLICANT: Gorman, Linda
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Smithson, Glenda
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Shinkels, Richard A.
; APPLICANT: Gangoli, Esra A.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Ji, Weizhen
; APPLICANT: Anderson, David W.
; APPLICANT: Liete, Mario W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Stone, David J.
; APPLICANT: Macdougall, John R.
; APPLICANT: Rothenberg, Mark E.
; TITLE OF INVENTION: No. US20040030110a1 Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-322C
; CURRENT APPLICATION NUMBER: US/10/114,270
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/281,086
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,136
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; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,863
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/281,906
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/282,020
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: 60/282,930
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/282,934
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/283,512
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 60/283,710
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/284,234
; PRIOR FILING DATE: 2001-04-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 470
; SEQ ID NO 402
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
US-10-114-270-402

Query Match          0.3%; Score 15; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4328 TCTTGACTTGCGA 4342
DB      18  TCTTGACTTGCGA 4

RESULT 734
US-09-815-242-1
; Sequence 1, Application US/09815242
; Patent No. US20020061569A1
; GENERAL INFORMATION:
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Karl L.
; APPLICANT: Zyskind, Judith W.
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John D.
; APPLICANT: Carr, Grant J.
; APPLICANT: Yamamoto, Robert T.
; APPLICANT: Xu, H. Howard
; TITLE OF INVENTION: Identification of Essential Genes in
; FILE REFERENCE: ELITRA.011A
; CURRENT APPLICATION NUMBER: US/09/815,242
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 14110
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 23
; TYPE: DNA
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: DNA primer
US-09-815-242-1

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1925 CACCAGTGTGACTTTTAAACAG 1947
DB 1 CAGCAGTGTGAGTTATATAATAG 23

RESULT 735
US-09-964-261-69
Sequence 69, Application US/09964261
Publication No. US20020197613A1
GENERAL INFORMATION:
APPLICANT: De Canck, Ilse
APPLICANT: Rombout, Annelies
TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HUA CLASS I ALLELES
FILE REFERENCE: IGI-002
CURRENT APPLICATION NUMBER: US/09/964,261
CURRENT FILING DATE: 2001-09-25
PRIOR APPLICATION NUMBER: EP 99870068.6
PRIOR FILING DATE: 1999-04-09
PRIOR APPLICATION NUMBER: US 60/138,614
PRIOR FILING DATE: 1999-06-11
NUMBER OF SEQ ID NOS: 446
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 69
LENGTH: 23
TYPE: DNA
ORGANISM: Homo sapiens
US-09-964-261-69

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 88.2%; Pred. No. 8.6e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 3913 CCACCCGAGCGCGG 3929
DB 1 CCRCCCGAGCGCGG 17

RESULT 736
US-09-883-152-93
Sequence 93, Application US/09883152
Publication No. US20030008284A1
GENERAL INFORMATION:
APPLICANT: Kennedy, Giulia
APPLICANT: Kang, Sammo
APPLICANT: Reinhard, Christoph
APPLICANT: Jefferson, Anne Bennett
TITLE OF INVENTION: POLYNUCLEOTIDES RELATED TO COLON CANCER
FILE REFERENCE: 2300-1663
CURRENT APPLICATION NUMBER: US/09/883,152
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/211,835
PRIOR FILING DATE: 2000-06-15
NUMBER OF SEQ ID NOS: 127
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 93
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
US-09-883-152-93

Query Match 0.3%; Score 15; DB 1; Length 23;

Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4286 GCACACGAGCGGCAACAACA 4308
DB 1 GCTCACCATCCGGGACACAAACA 23

RESULT 737
US-10-060-759A-5
Sequence 5, Application US/10060759A
Publication No. US20030018014A1
GENERAL INFORMATION:
APPLICANT: Lerner, Adam
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF CHRONIC LYMPHOCYTIC
FILE REFERENCE: 701586/50174-DIV
CURRENT APPLICATION NUMBER: US/10/060,759A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: 09/423,349
PRIOR FILING DATE: 2000-05-01
PRIOR APPLICATION NUMBER: PCT/US99/21518
PRIOR FILING DATE: 1999-09-17
PRIOR APPLICATION NUMBER: 60/101,721
PRIOR FILING DATE: 1998-09-24
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 23
TYPE: DNA
ORGANISM: human
US-10-060-759A-5

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2411 GGAGAGAAATCAGTTGCC 2433
DB 1 GGAGAGAAATTCATGCCCC 23

RESULT 738
US-10-032-393-24
Sequence 24, Application US/10032393
Publication No. US20030027286A1
GENERAL INFORMATION:
APPLICANT: Haselbeck, Robert
APPLICANT: Wall, Daniel
APPLICANT: Gross, Molly
TITLE OF INVENTION: BACTERIAL PROMOTERS AND METHODS OF USE
FILE REFERENCE: ELITRA-010A
CURRENT APPLICATION NUMBER: US/10/032,393
CURRENT FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 60/259,434
PRIOR FILING DATE: 2000-12-27
PRIOR APPLICATION NUMBER: 09/948,993
PRIOR FILING DATE: 2001-09-06
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR FILING DATE: 2000-09-06
NUMBER OF SEQ ID NOS: 68
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 24
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: pXY1-T5F primer
US-10-032-393-24

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1925 CACGAGTGTGACTTTAAACAG 1947
Db 1 CACGAGTGTGACTTTAAATAG 23

RESULT 739

US-10-291-230-3/c
; Sequence 3, Application US/10291230
; Publication No. US20030108939A1
; GENERAL INFORMATION:
; APPLICANT: Ruffner, Duane E.
; APPLICANT: Pierce, Michael L.
; APPLICANT: Chen, Zhidong
; TITLE OF INVENTION: Directed Antisense Libraries
; FILE REFERENCE: 16678.US.A
; CURRENT APPLICATION NUMBER: US/10/291,230
; PRIOR FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: US 09/647,344
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: PCT/US99/06742
; PRIOR FILING DATE: 1999-03-28
; PRIOR APPLICATION NUMBER: US 60/079,792
; PRIOR FILING DATE: 1998-03-28
; PRIOR APPLICATION NUMBER: US 60/107,504
; PRIOR FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Portion of a multiple cloning site for use in making deletion lib
US-10-291-230-3

Query Match 0.3%; Score 15; DB 1; Length 23;

Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2840 GGTGAAGTTGGTGAGACTTTC 2862

Db 23 GGTGAAGTTGGTGAGACTTTC 1

RESULT 740

US-10-291-249-3/c
; Sequence 3, Application US/10291249
; Publication No. US20030119041A1
; GENERAL INFORMATION:
; APPLICANT: Ruffner, Duane E.
; APPLICANT: Pierce, Michael L.
; APPLICANT: Chen, Zhidong
; TITLE OF INVENTION: Directed Antisense Libraries
; FILE REFERENCE: 16678.US.B
; CURRENT APPLICATION NUMBER: US/10/291,249
; PRIOR FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: US 09/647,344
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: PCT/US99/06742
; PRIOR FILING DATE: 1999-03-28
; PRIOR APPLICATION NUMBER: US 60/079,792
; PRIOR FILING DATE: 1998-03-28
; PRIOR APPLICATION NUMBER: US 60/107,504
; PRIOR FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

OTHER INFORMATION: Portion of a multiple cloning site for use in making deletion lib.
OTHER INFORMATION: raries.
US-10-291-249-3

Query Match

0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2840 GGTGAAGTTGGTGAGACTTTC 2862

Db 23 GGTGAAGTTGGTGAGACTTTC 1

RESULT 741

US-10-254-676-24/c
; Sequence 24, Application US/10254676
; Publication No. US20030148329A1
; GENERAL INFORMATION:
; APPLICANT: KUBOTA, Hiroshi et al.
; APPLICANT: STORMS, Robert W.
; APPLICANT: REID, Lola M.
; TITLE OF INVENTION: VARIANTS OF ALPHA-FETOPROTEIN CODING AND
; TITLE OF INVENTION: EXPRESSION SEQUENCES
; FILE REFERENCE: 320727-50801
; CURRENT APPLICATION NUMBER: US/10/254,676
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: 60/324,540
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer Sequence
US-10-254-676-24

Query Match

0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1406 CACCTTGAGTGAAGCAGAGT 1428

Db 23 CACCTTGAGTGAAGCAGAGT 1

RESULT 742

US-10-133-779-189/c
; Sequence 189, Application US/10133779
; Publication No. US20030165884A1
; GENERAL INFORMATION:
; APPLICANT: Chow, Robert
; APPLICANT: Tonal, Richard
; APPLICANT: StemCyte, Inc.
; TITLE OF INVENTION: High Throughput Methods of HLA Typing
; FILE REFERENCE: 020035-000210US
; CURRENT APPLICATION NUMBER: US/10/133,779
; PRIOR FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: US/09/747,391
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/172,768
; PRIOR FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 189
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-133-779-189

Query Match

0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 8.6e+02;

```
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 3593 CCTTAACTGCTCTCCAGGAAGG 3615
Db 23 CACTTACCTGCTCTCCAGGAACG 1

RESULT 743
US-10-340-536-6/c
; Sequence 6, Application US/10340536
; Publication No. US20030175212A1
; GENERAL INFORMATION:
; APPLICANT: O'Brien, Rebecca
; APPLICANT: Born, Willi
; APPLICANT: Roark, Christina
; APPLICANT: Aylmbug, M. Kemal
; TITLE OF INVENTION: Use of Soluble Gamma Delta T Cell Receptors for Regulating T Cell
; FILE REFERENCE: 2879-89
; CURRENT APPLICATION NUMBER: US/10/340,536
; CURRENT FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: 60/347,285
; PRIOR FILING DATE: 2002-01-10
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-340-536-6

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 3342 GACCAGCCGCCCAAGAGTCCCC 3364
Db 23 GAGCAGCATCCCAAGGATATCC 1

RESULT 744
US-10-032-585-4064/c
; Sequence 4064, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4064
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4064

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 1721 CACCATCTTCATCGCGACCTGGA 1743
Db 23 CATCATCATCATCGCAATGGA 1

RESULT 745
US-10-282-122A-78588
; Sequence 78588, Application US/10282122A

; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Karl
; APPLICANT: Zyskind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 78588
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Staphylococcus aureus
US-10-282-122A-78588

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 1925 CACCACTGTGACTTTTAAACAG 1947
Db 1 CACCACTGTGACTTATTAATAAG 23

RESULT 746
US-10-398-757-13
; Sequence 13, Application US/10398757
; Publication No. US20040029247A1
; GENERAL INFORMATION:
; APPLICANT: Bayer AG
; TITLE OF INVENTION: REGULATION OF HUMAN ADENYLYLATE CYCLASE, TYPE IV
; FILE REFERENCE: RCR-6 Foreign Countries
; CURRENT APPLICATION NUMBER: US/10/398,757
; CURRENT FILING DATE: 2003-04-10
; PRIOR APPLICATION NUMBER: US 60/241,306
; PRIOR FILING DATE: 2000-10-18
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 23
; TYPE: DNA
```

ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Primer: ACS-L
US-10-398-757-13

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1666 AGCTCTGCACGACATGAAGAC 1688
DB 1 AGCTGATGGACCATGAAGTAC 23

RESULT 747

US-10-001-052-48/c
Sequence 48, Application US/10001052
Publication No. US20040038401A1
GENERAL INFORMATION:
APPLICANT: Mead, David A.
TITLE OF INVENTION: CLONING VECTORS AND VECTOR COMPONENTS
FILE REFERENCE: MICRO-06635
CURRENT APPLICATION NUMBER: US/10/001.052
CURRENT FILING DATE: 2001-11-15
NUMBER OF SEQ ID NOS: 128
SOFTWARE: PatentIn version 3.1
SEQ ID NO 48
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-001-052-48

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2799 CAGGAAGCAGAAATGAGGAGG 2821
DB 23 CAGTAAGCAGAAATGACAAAG 1

RESULT 748

US-10-273-678-13/c
Sequence 13, Application US/10273678
Publication No. US20040077082A1
GENERAL INFORMATION:
APPLICANT: Koehn, Richard K.
APPLICANT: Ruffner, Duane E.
APPLICANT: Prakash, Ramesh K.
TITLE OF INVENTION: RNA-based Inhibitory Oligonucleotides
FILE REFERENCE: 3302.2.7
CURRENT APPLICATION NUMBER: US/10/273.678
CURRENT FILING DATE: 2002-10-18
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 13
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Portion of a multiple cloning site for use in making deletion lib
OTHER INFORMATION: varies for use in design of the targeting sequence of the oligonu
OTHER INFORMATION: cleotides of the invention.
US-10-273-678-13

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2840 GGTGAAGTTTGGTGAGACTCTTC 2862
DB 23 GCTGAAGCTTGGTGACTGCTTC 1

RESULT 749

US-09-232-785-364
Sequence 364, Application US/09232785
Publication No. US20030049612A1
GENERAL INFORMATION:
APPLICANT: International Paper Co.
APPLICANT: Echt, Craig. S
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 4481/1E188US1
CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: 09/232,884
PRIOR FILING DATE: 1999-01-15
NUMBER OF SEQ ID NOS: 397
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 364
LENGTH: 33
TYPE: DNA
ORGANISM: Pinus taeda L.
US-09-232-785-364

Query Match 0.3%; Score 15; DB 1; Length 33;
Best Local Similarity 67.7%; Pred. No. 1.3e+03;
Matches 21; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 4409 TATAGATAATAATAATAATAATAAT 4439
DB 3 TATTATTATTATTATTATTATTATT 33

RESULT 750

US-09-232-785-365
Sequence 365, Application US/09232785
Publication No. US20030049612A1
GENERAL INFORMATION:
APPLICANT: International Paper Co.
APPLICANT: Echt, Craig. S
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 4481/1E188US1
CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: 09/232,884
PRIOR FILING DATE: 1999-01-15
NUMBER OF SEQ ID NOS: 397
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 365
LENGTH: 36
TYPE: DNA
ORGANISM: Pinus taeda L.
US-09-232-785-365

Query Match 0.3%; Score 15; DB 1; Length 36;
Best Local Similarity 67.7%; Pred. No. 1.4e+03;
Matches 21; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 4409 TATAGATAATAATAATAATAATAAT 4439
DB 3 TATTATTATTATTATTATTATTATT 33

RESULT 751

US-10-418-182-67
Sequence 67, Application US/10418182
Publication No. US20030228302A1

GENERAL INFORMATION:
 APPLICANT: Crea, Roberto
 TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
 FILE REFERENCE: 1551.2001-001
 CURRENT APPLICATION NUMBER: US/10/418,182
 CURRENT FILING DATE: 2003-04-16
 PRIOR APPLICATION NUMBER: 60/373,558
 PRIOR FILING DATE: 2002-04-17
 NUMBER OF SEQ ID NOS: 423
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 67
 LENGTH: 36
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: oligonucleotide
 US-10-418-182-67

Query Match 0.3%; Score 15; DB 1; Length 36;
 Best Local Similarity 67.7%; Pred. No. 1.4e+03;
 Matches 21; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 4409 TATAGATAATAATAATTAATAATAATAAT 4439
 DB 4 TATATATATATATATATATATATATATATAT 34

RESULT 752
 US-09-263-959-766/c
 Sequence 766, Application US/09263959
 Patent No. US20020150891A1
 GENERAL INFORMATION:
 APPLICANT: Hood, Leroy E.
 APPLICANT: Rowen, Lee
 APPLICANT: Koop, Ben F.
 TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
 NUMBER OF SEQUENCES: 1279
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Seed and Berry LLP
 STREET: 6300 Columbia Center, 701 Fifth Avenue
 CITY: Seattle
 STATE: Washington
 COUNTRY: US
 ZIP: 98104-7092
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 FILING DATE: 05-MAR-1999
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Mcmasters, David D.
 REGISTRATION NUMBER: 33,963
 REFERENCE/DOCKET NUMBER: 920010.426C2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206) 622-4900
 TELEFAX: (206) 682-6031
 INFORMATION FOR SEQ ID NO: 766:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 37 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-263-959-766

Query Match 0.3%; Score 15; DB 1; Length 37;
 Best Local Similarity 67.7%; Pred. No. 1.4e+03;
 Matches 21; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 4409 TATAGATAATAATAATTAATAATAATAAT 4439

DB 37 TATATATATATATATATATATATATATATAT 7

RESULT 753
 US-09-263-959-1276
 Sequence 1276, Application US/09263959
 Patent No. US20020150891A1
 GENERAL INFORMATION:
 APPLICANT: Hood, Leroy E.
 APPLICANT: Rowen, Lee
 APPLICANT: Koop, Ben F.
 TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
 NUMBER OF SEQUENCES: 1279
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Seed and Berry LLP
 STREET: 6300 Columbia Center, 701 Fifth Avenue
 CITY: Seattle
 STATE: Washington
 COUNTRY: US
 ZIP: 98104-7092
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 FILING DATE: 05-MAR-1999
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Mcmasters, David D.
 REGISTRATION NUMBER: 33,963
 REFERENCE/DOCKET NUMBER: 920010.426C2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206) 622-4900
 TELEFAX: (206) 682-6031
 INFORMATION FOR SEQ ID NO: 1276:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-263-959-1276

Query Match 0.3%; Score 14.8; DB 1; Length 18;
 Best Local Similarity 88.9%; Pred. No. 6.5e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4999 TGCTCTCCAGCCTGGCTG 5016
 DB 1 TGCACTCCAGCCTGGATG 18

RESULT 754
 US-09-961-077-1167
 Sequence 1167, Application US/09961077
 Publication No. US20030014775A1
 GENERAL INFORMATION:
 APPLICANT: Zwick, Michael G.
 Edington, Brent E.
 McSwiggen, James A.
 Merlo, Patricia Ann Owens
 Guo, Lining
 Skokut, Thomas A.
 Young, Scott A.
 Folkerts, Otto
 Merlo, Donald J.
 TITLE OF INVENTION: COMPOSITION AND METHODS FOR
 MODULATION OF GENE EXPRESSION
 IN PLANTS
 NUMBER OF SEQUENCES: 1263
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/961,077
FILING DATE: 21-Sep-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/679,645
FILING DATE: July 12, 1996
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1167:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 1167:
US-09-961-077-1167

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3922 CGCGCGCGCGCGCTGC 3939
Db 1 CGCGCGCGCGCGCGCAGC 18

RESULT 755
US-09-500-700-68/c
; Sequence 68, Application US/09500700
; Publication No. US20030059767A1
; GENERAL INFORMATION:
; APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
; APPLICANT: BARBAS III, Carlos F.
; APPLICANT: GOTTESFELD, Joel M.
; APPLICANT: WRIGHT, Peter E.
; TITLE OF INVENTION: ZINC FINGER PROTEIN DERIVATIVES AND METHODS THEREFOR
; FILE REFERENCE: SCRIPI160-4
; CURRENT APPLICATION NUMBER: US/09/500,700
; CURRENT FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: US 08/863,813
; PRIOR FILING DATE: 1997-05-27
; PRIOR APPLICATION NUMBER: US 08/676,318
; PRIOR FILING DATE: 1996-12-30
; PRIOR APPLICATION NUMBER: PCT/US95/00829
; PRIOR FILING DATE: 1995-01-18
; PRIOR APPLICATION NUMBER: US 08/312,604
; PRIOR FILING DATE: 1994-09-28
; PRIOR APPLICATION NUMBER: US 08/183,119
; PRIOR FILING DATE: 1994-01-18

NUMBER OF SEQ ID NOS: 127
SOFTWARE: PatentIn version 3.1
SEQ ID NO 68
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: (GCG)6 probe
US-09-500-700-68

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3919 CGACGCGCGCGCGCGC 3936
Db 18 CGCGCGCGCGCGCGCGC 1

RESULT 756
US-10-205-522-126/c
; Sequence 126, Application US/10205522
; Publication No. US20030077629A1
; GENERAL INFORMATION:
; APPLICANT: Penny, Laura
; APPLICANT: Galvin, Margaret
; APPLICANT: Miller, Andrew
; APPLICANT: Reidy, Michael
; TITLE OF INVENTION: Genotyping Human
; TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
; FILE REFERENCE: SEQ-22PRV2
; CURRENT APPLICATION NUMBER: US/10/205,522
; CURRENT FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: US/09/356,806
; PRIOR FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 126
; LENGTH: 18
; TYPE: DNA
; ORGANISM: H. sapiens
US-10-205-522-126

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1882 AGAAGGAGTGGCTGGAGA 1899
Db 18 AGAAGGAGTGGCTGGATA 1

RESULT 757
US-10-205-522-142/c
; Sequence 142, Application US/10205522
; Publication No. US20030077629A1
; GENERAL INFORMATION:
; APPLICANT: Penny, Laura
; APPLICANT: Galvin, Margaret
; APPLICANT: Miller, Andrew
; APPLICANT: Reidy, Michael
; TITLE OF INVENTION: Genotyping Human
; TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
; FILE REFERENCE: SEQ-22PRV2
; CURRENT APPLICATION NUMBER: US/10/205,522
; CURRENT FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: US/09/356,806
; PRIOR FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 142

;
; LENGTH: 18
; TYPE: DNA
; ORGANISM: H. sapiens
US-10-205-522-142

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1882 AGAAGGAGTGGCTGGAGA 1899
|||||
Db 18 AGAAGGATGGCTGGATA 1

RESULT 758

US-10-314-405-45/c
; Sequence 45, Application US/10314405
; Publication No. US20030108940A1
; GENERAL INFORMATION:
; APPLICANT: Hidetoshi, Inoko
; APPLICANT: Gen, Tamiya
; APPLICANT: Yasunari, Matsuzaka
; TITLE OF INVENTION: NOVEL POLYMORPHIC MICROSATELLITE MARKERS IN THE HUMAN MHC CLASS I
; FILE REFERENCE: 06501-069001
; CURRENT APPLICATION NUMBER: US/10/314,405
; CURRENT FILING DATE: 2002-12-06
; PRIOR APPLICATION NUMBER: US/09/713,616
; PRIOR FILING DATE: 2000-11-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 45
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-314-405-45

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3919 CGACGGCGCGCGCGCGC 3936
|||||
Db 18 CGCGCGCGCGCGCGCGC 1

RESULT 759

US-10-149-249-1
; Sequence 1, Application US/10149249
; Publication No. US20030162185A1
; GENERAL INFORMATION:
; APPLICANT: INSTITUT PASTEUR DE LILLE
; APPLICANT: CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)
; APPLICANT: INSTITUT PASTEUR
; APPLICANT: MELNYK, Oleg
; APPLICANT: OLIVIER, Christophe
; APPLICANT: OLLIVIER, Nathalie
; APPLICANT: HUOT, David
; APPLICANT: HUOT, Ludovic
; APPLICANT: LEMOINE, Yves
; APPLICANT: WOLOWCZUK, Isabelle
; APPLICANT: HUYNH-DINH, Tam
; APPLICANT: GUYETTE, Catherine
; APPLICANT: GRAS-MASSE, H
; TITLE OF INVENTION: PRODUCTS COMPRISING A SUPPORT TO WHICH NUCLEIC ACIDS ARE FIXED AN
; FILE REFERENCE: SGcb1380/1US
; CURRENT APPLICATION NUMBER: US/10/149,249
; CURRENT FILING DATE: 2002-06-05
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA

;
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-149-249-1

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1295 GTCCAAGCTCAGCCAACT 1312
|||||
Db 1 GTCCAAGCTCAGCTAATT 18

RESULT 760

US-10-149-249-3/c
; Sequence 3, Application US/10149249
; Publication No. US20030162185A1
; GENERAL INFORMATION:
; APPLICANT: INSTITUT PASTEUR DE LILLE
; APPLICANT: CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)
; APPLICANT: INSTITUT PASTEUR
; APPLICANT: MELNYK, Oleg
; APPLICANT: OLIVIER, Christophe
; APPLICANT: OLLIVIER, Nathalie
; APPLICANT: HUOT, David
; APPLICANT: HUOT, Ludovic
; APPLICANT: LEMOINE, Yves
; APPLICANT: WOLOWCZUK, Isabelle
; APPLICANT: HUYNH-DINH, Tam
; APPLICANT: GUYETTE, Catherine
; APPLICANT: GRAS-MASSE, H
; TITLE OF INVENTION: PRODUCTS COMPRISING A SUPPORT TO WHICH NUCLEIC ACIDS ARE FIXED AN
; FILE REFERENCE: SGcb1380/1US
; CURRENT APPLICATION NUMBER: US/10/149,249
; CURRENT FILING DATE: 2002-06-05
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-149-249-3

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1295 GTCCAAGCTCAGCCAACT 1312
|||||
Db 18 GTCCAAGCTCAGCTAATT 1

RESULT 761

US-10-349-143-4810/c
; Sequence 4810, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

```
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4810
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-17938 for SEQ 876,
US-10-349-143-4810

Query Match          0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5192 GTGTGTGATGCAGACG 5209
Db 18 GTGTATGATGCAGACG 1

RESULT 762
; Sequence 5786, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5786
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-6693 for SEQ 1852,
US-10-349-143-5786

Query Match          0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5069 CTTCTATCTCTGTGCT 5086
Db 18 CTTCTATCTCTGTGCT 1

RESULT 763
US-10-349-143-10970/c
; Sequence 10970, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020CPI
```

```
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10970
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-23427 for SEQ 3105, in compler
US-10-349-143-10970

Query Match          0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2801 GGAAGGAGAAATGAGA 2818
Db 18 GGAAGGAGAAATGAGA 1

RESULT 764
US-10-765-500-27
; Sequence 27, Application US/10765500
; Publication No. US20040137501A1
; GENERAL INFORMATION:
; APPLICANT: Bretz P. Monia and lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
; FILE REFERENCE: RISP-0100
; CURRENT APPLICATION NUMBER: US/10/765,500
; CURRENT FILING DATE: 2004-01-26
; PRIOR APPLICATION NUMBER: US/09/763,748
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 09/143,212
; PRIOR FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 27
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-765-500-27

Query Match          0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 821 GGAAGGAGGACACAG 838
Db 1 GGAAGGAGGACACAG 18

RESULT 765
US-09-901-484A-538
; Sequence 538, Application US/09901484A
; Patent No. US20020119460A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate Cancer Gene
; FILE REFERENCE: GEN-T11XC3D2
```

```
; CURRENT APPLICATION NUMBER: US/09/901,484A
; CURRENT FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: US 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: US 09/218,207
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: US 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: US 09/853,526
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 538
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: potential microsequencing oligo for 4-60-293.mis2
US-09-901-484A-538
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4149 GGACTCTCTGCTGGCTCC 4166
Db      2 GGACTCTCTGCTGGCTTC 19
```

```
RESULT 766
US-09-969-373-2067/c
; Sequence 2067, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Efferetz, Roger J.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 2067
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-2067
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      2086 TGTCGTCATGTTCAATG 2103
Db      19 TGTCGTCATGTTCAATG 2
```

```
RESULT 767
US-09-969-373-2069/c
; Sequence 2069, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Efferetz, Roger J.
; APPLICANT: Hauge, Brian M.
```

```
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 2069
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-2069
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      2086 TGTCGTCATGTTCAATG 2103
Db      19 TGTCGTCATGTTCAATG 2
```

```
RESULT 768
US-09-969-373-4453
; Sequence 4453, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Efferetz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 4453
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-4453
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      268 CCTCTCTCTCTTCTCT 285
Db      2 CCTCTCTCTCTCTCT 19
```

```
RESULT 769
US-09-853-526-538
; Sequence 538, Application US/09853526
; Patent No. US20020165345A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bouquelere, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CPIIC
; CURRENT APPLICATION NUMBER: US/09/853,526
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 09/338,907
```

FILE REFERENCE: JHU1700-1
; PRIOR APPLICATION NUMBER: US/10/084,555
; CURRENT FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: US 60/271,268
; PRIOR FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: Patent version 3.1
; SEQ ID NO 50
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-084-555-50

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4149 GGAACCTCTGCTGCTCC 4166
Db 2 GAATTCCTGCTGCTTC 19

RESULT 770
US-10-239-804-67
; Sequence 67, Application US/10239804
; Publication No. US20030053991A1
; GENERAL INFORMATION:
; APPLICANT: Oxford Biomedica (UK) Limited
; APPLICANT: Kingsman, Alan J
; APPLICANT: Maden, Malcolm
; APPLICANT: Corcoran, Jonathan PT
; TITLE OF INVENTION: Factor
; FILE REFERENCE: P009156MCTH
; CURRENT APPLICATION NUMBER: US/10/239,804
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: PCT/GB00/01211
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: GB 0024300.6
; PRIOR FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: Patent Ver. 2.1
; SEQ ID NO 67
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-239-804-67

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 121 GAGCGGTCATTCACCC 138
Db 2 GAGCAGTCATTCACCC 19

RESULT 771
US-10-084-555-50/c
; Sequence 50, Application US/10084555
; Publication No. US2003019616A1
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: GOGGINS, Michael G.
; APPLICANT: Ueki, Takashi
; TITLE OF INVENTION: DIFFERENTIALLY METHYLATED SEQUENCES IN PANCREATIC CANCER

FILE REFERENCE: JHU1700-1
; PRIOR APPLICATION NUMBER: US/10/084,555
; CURRENT FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: US 60/271,268
; PRIOR FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: Patent version 3.1
; SEQ ID NO 50
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-084-555-50

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2817 GAGGAGTGAGGGGAG 2834
Db 19 GAATTAAGTGAGGGGAG 2

RESULT 772
US-10-349-143-7139/c
; Sequence 7139, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7139
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-24768 for SEQ 3205,
US-10-349-143-7139

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 290 CTCCTTGTGTTTCT 307
Db 19 CTCCTTGTGTTTCT 2

RESULT 773
US-10-349-143-7300/c
; Sequence 7300, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

```
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7300
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-3524 for SEQ 3366,
US-10-349-143-7300
```

```
Query Match          0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      5063 CCTTTTCTCTCTCTCTCTCT 5080
DB      19 CCTTTTCTCTCTCTCTCTTT 2
```

```
RESULT 774
US-10-605-498-88/c
; Sequence 88, Application US/10605498
; Publication No. US20040127441A1
; GENERAL INFORMATION:
; APPLICANT: Gleave, Martin
; APPLICANT: Rocchi, Palma
; APPLICANT: Stignaevesky, Maxim
; TITLE OF INVENTION: Compositions and Methods for Treatment of Prostate and Other
; FILE REFERENCE: UBC-P-031
; CURRENT APPLICATION NUMBER: US/10/605,498
; CURRENT FILING DATE: 2003-10-02
; PRIOR APPLICATION NUMBER: US 60/415,859
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: US 60/463,952
; PRIOR FILING DATE: 2003-04-18
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 88
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-605-498-88
```

```
Query Match          0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1592 GGAACGAGAGAGAGAA 1609
DB      19 GGAACGAGAGAGAGAA 2
```

```
RESULT 775
US-10-731-739-253/c
; Sequence 253, Application US/10731739
; Publication No. US20040176582A1
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
```

```
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/10/731,739
; CURRENT FILING DATE: 2003-12-10
; PRIOR APPLICATION NUMBER: US/09/544,398B
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 253
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-731-739-253
```

```
Query Match          0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      3048 TTCCAGGGGAGATCAAG 3065
DB      18 TTCTTGCGGAGATCAAG 1
```

```
RESULT 776
US-08-983-605-91/c
; Sequence 91, Application US/08983605A
; Publication No. US20020066118A1
; GENERAL INFORMATION:
; APPLICANT: Roder, Marion
; TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
; FILE REFERENCE: Said Markers
; CURRENT APPLICATION NUMBER: US/08/983,605A
; CURRENT FILING DATE: 1998-05-01
; EARLIER APPLICATION NUMBER: DE 195 25 284.5
; EARLIER FILING DATE: 1995-06-28
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 91
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Triticum aestivum
US-08-983-605-91
```

```
Query Match          0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      264 CCCCCCTCTCTCTTT 281
DB      20 CCCTCCCTCTCTCTGT 3
```

```
RESULT 777
US-09-854-883-347/c
; Sequence 347, Application US/09854883
; Patent No. US2002005479A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowbert
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freiler
; APPLICANT: Brett P. Monla
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
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FILE REFERENCE: ISPH-0576
CURRENT APPLICATION NUMBER: US/09/854,883
PRIOR FILING DATE: 2001-05-14
PRIOR APPLICATION NUMBER: US 09/629,644
PRIOR FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 389
SEQ ID NO 347
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-854-883-347

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 20;
Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1264 TTCTGTGAGGCCAATC 1281
DB 18 TTCTGTGAGGCCAGC 1

RESULT 778
US-09-865-866-65
Sequence 65, Application US/09865866
Publication No. US20030045487A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL) EX
FILE REFERENCE: RFS-0221
CURRENT APPLICATION NUMBER: US/09/865,866
CURRENT FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 173
SEQ ID NO 65
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-865-866-65

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 20;
Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 380 AAGCTGTGCGACGAGCC 397
DB 3 AAACAGGTGCGACGAGCC 20

RESULT 779
US-09-909-595-63/C
Sequence 63, Application US/09909595
Publication No. US20030083278A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Brenda F. Baker
APPLICANT: Jacqueline Wyatt
APPLICANT: Scott E. Davis
TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 LIGAND EXPRESSION
FILE REFERENCE: RFS-0223
CURRENT APPLICATION NUMBER: US/09/909,595
CURRENT FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 63
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide
US-09-909-595-63

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 20;
Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 278 CTTCTCTCTCTCTCTCT 295
DB 20 CTTCTCTCTCTCTCTCT 3

RESULT 780
US-09-915-814-66
Sequence 66, Application US/09915814
Publication No. US20030096771A1
GENERAL INFORMATION:
APPLICANT: Madeline M. Butler
APPLICANT: Andrew T. Watt
APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF HORMONE-SENSITIVE LIPASE EXPRESSION
FILE REFERENCE: ISPH-0587
CURRENT APPLICATION NUMBER: US/09/915,814
CURRENT FILING DATE: 2001-07-26
NUMBER OF SEQ ID NOS: 230
SEQ ID NO 66
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-915-814-66

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 20;
Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2129 CCACTTACTTCAGGAG 2146
DB 1 CCACTTACTTCAGGAG 18

RESULT 781
US-09-920-394-49/C
Sequence 49, Application US/09920394
Publication No. US20030096773A1
GENERAL INFORMATION:
APPLICANT: Roseanne M. Crooke
APPLICANT: Mark J. Graham
APPLICANT: Kristina M. Lemonidis
TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFER
FILE REFERENCE: ISPH-0589
CURRENT APPLICATION NUMBER: US/09/920,394
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 62
SEQ ID NO 49
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-49

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 20;
Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1430 TCTGGGATTCCTCAGAA 1447
DB 19 TCTGGGATTCCTCAGCA 2
```

RESULT 782
US-09-920-868A-14/c
Sequence 14, Application US/09920868A
Publication No. US20030113300A1
GENERAL INFORMATION:
APPLICANT: Perfetti, Riccardo
TITLE OF INVENTION: HUMAN GLUCOSE-DEPENDENT INSULIN-SECRETING CELL LINE
FILE REFERENCE: 81476-0255389
CURRENT APPLICATION NUMBER: US/09/920,868A
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn version 3.1
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Human
US-09-920-868A-14

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1002 TTCACGACTGCAAGC 1019
DB 19 TTCACCACTGCAAGC 2

RESULT 783
US-10-092-140-8
Sequence 8, Application US/10092140
Publication No. US20020164801A1
GENERAL INFORMATION:
APPLICANT: McGill University et al.
TITLE OF INVENTION: HUMAN AND MAMMALIAN DNA
REPLICATION ORIGIN CONSENSUS SEQUENCES
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: SMARBY OGILVY RENAUDT
STREET: 1981 McGill College Avenue - Suite 1600
CITY: Montreal
STATE: QC
COUNTRY: Canada
ZIP: H3A 2Y3
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/092,140
FILING DATE: 06-Mar-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/328,750
FILING DATE: 09-Jun-1999
APPLICATION NUMBER: 60/033,374
FILING DATE: 16-DEC-1996
APPLICATION NUMBER: 60/047,322
FILING DATE: 21-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: C.L., France
REGISTRATION NUMBER: 4166
REFERENCE/DOCKET NUMBER: 1770-162PCT FC/1d
TELECOMMUNICATION INFORMATION:
TELEPHONE: 514 845-7126
TELEFAX: 514 288-8389
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-10-092-140-8

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 237 GTGTATGGACGCTGCAC 254
DB 2 GTGTATGGACGCTAGTC 19

RESULT 784
US-10-222-334-64/c
Sequence 64, Application US/10222334
Publication No. US20030073116A1
GENERAL INFORMATION:
APPLICANT: Ginsburg, David
APPLICANT: Levy, Galia
APPLICANT: Teal, Han-Mou
TITLE OF INVENTION: ADAMTS13 Genes and Proteins and Variants, and Uses Thereof
FILE REFERENCE: UM-07288
CURRENT APPLICATION NUMBER: US/10/222,334
CURRENT FILING DATE: 2002-08-16
PRIOR APPLICATION NUMBER: 60/312,834
PRIOR FILING DATE: 2001-08-16
NUMBER OF SEQ ID NOS: 78
SOFTWARE: PatentIn version 3.1
SEQ ID NO 64
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-222-334-64

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 842 CGACCTGAGAGACAC 859
DB 18 CAACCTGAGAGACAC 1

RESULT 785
US-10-181-107-69/c
Sequence 69, Application US/10181107
Publication No. US20030083295A1
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowbert
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
FILE REFERENCE: RSP-0325
CURRENT APPLICATION NUMBER: US/10/181,107
CURRENT FILING DATE: 2002-07-11
PRIOR APPLICATION NUMBER: PCT/US01/00888
PRIOR FILING DATE: 2001-01-11
PRIOR APPLICATION NUMBER: 09/484,617
PRIOR FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 69
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-107-69

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4423 ATATTATATATATATG 4440

Db 20 AAATAATATATATATG 3

RESULT 786

US-10-181-846-101/c
; Sequence 101, Application US/10181846
; Publication No. US20030083297A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RSP-0363
; CURRENT APPLICATION NUMBER: US/10/181,846
; CURRENT FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: PCT/US01/01416
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: 09/490,692
; PRIOR FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 101
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-846-101

Query Match 0.3%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3519 CTGCTCAGAGAGACTG 3536

Db 19 CTGCTCAGAGAGACTG 2

RESULT 787

US-10-149-352-13/c
; Sequence 13, Application US/10149352
; Publication No. US20030105050A1
; GENERAL INFORMATION:
; APPLICANT: Beti, Rajinder
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 06275-254US1
; CURRENT APPLICATION NUMBER: US/10/149,352
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/GB00/04741
; PRIOR FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: GB 9929487.8
; PRIOR FILING DATE: 1999-12-15
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 4.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-149-352-13

Query Match 0.3%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3370 GGCCTGAGGAGGAGAA 3387

Db 18 GGCCTGCTGCGAGAAA 1

RESULT 788

US-10-079-384-33
; Sequence 33, Application US/10079384
; Publication No. US20030108986A1
; GENERAL INFORMATION:
; APPLICANT: Communi, Didier
; TITLE OF INVENTION: COMPOSITIONS AND METHODS COMPRISING G-PROTEIN COUPLED RECEPTORS
; FILE REFERENCE: 9409/2132
; CURRENT APPLICATION NUMBER: US/10/079,384
; CURRENT FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/885,453
; PRIOR FILING DATE: 2001-06-20
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-079-384-33

Query Match 0.3%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1245 CTGCTCAGAGCTCTCAG 1262

Db 3 CTGCTCAGAGCTCTCAG 20

RESULT 789

US-10-002-491-24/c
; Sequence 24, Application US/10002491
; Publication No. US20030109467A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FXR EXPRESSION
; FILE REFERENCE: RTS-0239
; CURRENT APPLICATION NUMBER: US/10/002,491
; CURRENT FILING DATE: 2001-11-15
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-002-491-24

Query Match 0.3%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1493 GAAGTCAAGAGATGTTTC 1510

Db 20 GAATCCAGAGATGTTTC 3

RESULT 790

US-10-008-789-30
; Sequence 30, Application US/10008789
; Publication No. US20030125276A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF THYROID HORMONE RECEPTOR INTERACTOR
; FILE REFERENCE: RTS-0333
; CURRENT APPLICATION NUMBER: US/10/008,789
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 30

LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-008-789-30

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3350 GCCCAAGACTCCCGCT 3367
DB 3 GCCAAGTACTCCCGCT 20

RESULT 791
US-10-006-972A-88/c
Sequence 88, Application US/10006972A
Publication No. US20030139359A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE 3 EXPRESSION
FILE REFERENCE: RTS-0335
CURRENT APPLICATION NUMBER: US/10/006,972A
CURRENT FILING DATE: 2001-12-04
NUMBER OF SEQ ID NOS: 94
SEQ ID NO 88
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-972A-88

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1406 CACCTTGAGGTGAAGC 1423
DB 20 CAACTTGAGGTGAAGC 3

RESULT 792
US-10-027-983-28/c
Sequence 28, Application US/10027983
Publication No. US20030139360A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
FILE REFERENCE: RTS-0340
CURRENT APPLICATION NUMBER: US/10/027,983
CURRENT FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 28
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-027-983-28

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3729 CCGGCAAGAGTGCGCC 3746
DB 20 CACGGCAGAGTGCGCC 3

RESULT 793
US-10-006-191-71
Sequence 71, Application US/10006191
Publication No. US20030144223A1
GENERAL INFORMATION:
APPLICANT: William Gaarde
TITLE OF INVENTION: ANTISENSE MODULATION OF CONNECTIVE TISSUE GROWTH FACTOR EXPRESSION
FILE REFERENCE: RTS-0274
CURRENT APPLICATION NUMBER: US/10/006,191
CURRENT FILING DATE: 2001-12-10
NUMBER OF SEQ ID NOS: 153
SEQ ID NO 71
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-191-71

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3354 AAGACTCCCGCTGCGG 3371
DB 1 AAGACTCTCCGCTGCGG 18

RESULT 794
US-10-006-191-91
Sequence 91, Application US/10006191
Publication No. US20030144223A1
GENERAL INFORMATION:
APPLICANT: William Gaarde
TITLE OF INVENTION: ANTISENSE MODULATION OF CONNECTIVE TISSUE GROWTH FACTOR EXPRESSION
FILE REFERENCE: RTS-0274
CURRENT APPLICATION NUMBER: US/10/006,191
CURRENT FILING DATE: 2001-12-10
NUMBER OF SEQ ID NOS: 153
SEQ ID NO 91
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-191-91

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 283 TCTCTCTCTCTTGGCT 300
DB 1 TCTCTACTCTCTGCGCT 18

RESULT 795
US-10-169-983-20/c
Sequence 20, Application US/10169983
Publication No. US20030158250A1
GENERAL INFORMATION:
APPLICANT: Takara Shuzo Co., Ltd.
TITLE OF INVENTION: Therapeutic agents
FILE REFERENCE: 01-011-PCT
CURRENT APPLICATION NUMBER: US/10/169,983
CURRENT FILING DATE: 2002-07-14
PRIOR APPLICATION NUMBER: JP 2000-4989
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: JP 2000-303711
PRIOR FILING DATE: 2000-10-03
NUMBER OF SEQ ID NOS: 61

```
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Designed primer based on nucleotide sequence of
; OTHER INFORMATION: human macrophage inflammatory protein-1-beta mRNA.
US-10-169-983-20

Query Match          * 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2365 AGCTGCTCAGACGAGGA 2382
Db      19 AGCTGCTCAGACGAGGA 2

RESULT 796
US-10-448-753-28/C
; Sequence 28, Application US/10448753
; Publication No. US20030211611A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
; FILE REFERENCE: RTS-0340
; CURRENT APPLICATION NUMBER: US/10/448,753
; PRIOR FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: US/10/027,983
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-448-753-28

Query Match          0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3729 CCGGCGACGACGTGCC 3746
Db      20 CACGGCCAGCAGGTGCC 3

RESULT 797
US-10-181-856-86/C
; Sequence 86, Application US/10181856
; Publication No. US20030212018A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Donna T. Ward
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK2 EXPRESSION
; FILE REFERENCE: RSP-0345
; CURRENT APPLICATION NUMBER: US/10/181,856
; PRIOR FILING DATE: 2002-07-18
; PRIOR APPLICATION NUMBER: ECT/US01/01361
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: 09/488,744
; PRIOR FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
```

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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-856-86

Query Match          0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4426 TTATATATATATATATG 4443
Db      18 TTATATATATATATATTC 1

RESULT 798
US-10-360-510-347/C
; Sequence 347, Application US/10360510
; Publication No. US20030220282A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: ISPH-0576
; CURRENT APPLICATION NUMBER: US/10/360,510
; PRIOR FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US/09/854,883
; PRIOR FILING DATE: 2001-05-14
; PRIOR APPLICATION NUMBER: US 09/629,644
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 09/487,368
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 369
; SEQ ID NO 347
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-360-510-347

Query Match          0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1264 TTCCTGTGTGAGGCCATC 1281
Db      18 TTCCTGTGTGAGGCCAGC 1

RESULT 799
US-10-160-497-20
; Sequence 20, Application US/10160497
; Publication No. US20030224513A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Erich Koller
; TITLE OF INVENTION: ANTISENSE MODULATION OF NOTCH1 EXPRESSION
; FILE REFERENCE: RTS-0386
; CURRENT APPLICATION NUMBER: US/10/160,497
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 145
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-497-20

Query Match          0.3%; Score 14.8; DB 1; Length 20;
```

Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2289 CTGCCTACTGTGGAGGCA 2306

Db 3 CTGCCTACTGTGGAAGACA 20

RESULT 800

US-10-348-750-20
; Sequence 20, Application US/10348750
; Publication No. US20030225019A1
; GENERAL INFORMATION:

APPLICANT: Susan M. Freier

APPLICANT: Kenneth W. Dobie

APPLICANT: Erich Koller

FILE REFERENCE: NOTCH1 INHIBITORS FOR INDUCING APOPTOSIS

FILE REFERENCE: ISPH-0729

CURRENT APPLICATION NUMBER: US/10/348,750

CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: 10/160,497

PRIOR FILING DATE: 2002-02-20

NUMBER OF SEQ ID NOS: 146

SEQ ID NO 20

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-348-750-20

Query Match 0.3%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2289 CTGCCTACTGTGGAGGCA 2306

Db 3 CTGCCTACTGTGGAAGACA 20

RESULT 801

US-10-159-834-23
; Sequence 23, Application US/10159834
; Publication No. US20030228688A1
; GENERAL INFORMATION:

APPLICANT: Kenneth W. Dobie

APPLICANT: Kenneth W. Dobie

FILE REFERENCE: RTS-0299

CURRENT APPLICATION NUMBER: US/10/159,834

CURRENT FILING DATE: 2002-05-31

NUMBER OF SEQ ID NOS: 130

SEQ ID NO 23

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-159-834-23

Query Match 0.3%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3362 CCCGCTGGGGCCCTGCAG 3379

Db 3 CCCGCTGGGGCCCTGCAG 20

RESULT 802

US-10-159-834-96/c
; Sequence 96, Application US/10159834
; Publication No. US20030228688A1

Query Match

Best Local Similarity

Matches

Conservative

Mismatches

Indels

Gaps

GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFER

FILE REFERENCE: RTS-0299

CURRENT APPLICATION NUMBER: US/10/159,834

CURRENT FILING DATE: 2002-05-31

NUMBER OF SEQ ID NOS: 130

SEQ ID NO 96

LENGTH: 20

TYPE: DNA

ORGANISM: H. sapiens

FEATURE:

US-10-159-834-96

Query Match 0.3%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3362 CCCGCTGGGGCCCTGCAG 3379

Db 18 CCCGCTGGGGCCCTGCAG 1

RESULT 803

US-10-177-554-59
; Sequence 59, Application US/10177554
; Publication No. US20030235911A1
; GENERAL INFORMATION:

APPLICANT: Kenneth W. Dobie

APPLICANT: Kenneth W. Dobie

FILE REFERENCE: RTS-0370

CURRENT APPLICATION NUMBER: US/10/177,554

CURRENT FILING DATE: 2002-06-20

NUMBER OF SEQ ID NOS: 239

SEQ ID NO 59

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-177-554-59

Query Match 0.3%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2987 CACAGAACGACGCTGCC 3004

Db 3 CACAGCACGACGCTGCC 20

RESULT 804

US-10-177-554-195/c
; Sequence 195, Application US/10177554
; Publication No. US20030235911A1
; GENERAL INFORMATION:

APPLICANT: Kenneth W. Dobie

APPLICANT: Kenneth W. Dobie

FILE REFERENCE: RTS-0370

CURRENT APPLICATION NUMBER: US/10/177,554

CURRENT FILING DATE: 2002-06-20

NUMBER OF SEQ ID NOS: 239

SEQ ID NO 195

LENGTH: 20

TYPE: DNA

ORGANISM: H. sapiens

FEATURE:

US-10-177-554-195

Query Match 0.3%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3362 CCCGCTGGGGCCCTGCAG 3379

Db 3 CCCGCTGGGGCCCTGCAG 20

RESULT 805

US-10-177-554-195/c
; Sequence 195, Application US/10177554
; Publication No. US20030235911A1
; GENERAL INFORMATION:

APPLICANT: Kenneth W. Dobie

APPLICANT: Kenneth W. Dobie

FILE REFERENCE: RTS-0370

CURRENT APPLICATION NUMBER: US/10/177,554

CURRENT FILING DATE: 2002-06-20

NUMBER OF SEQ ID NOS: 239

SEQ ID NO 195

LENGTH: 20

TYPE: DNA

ORGANISM: H. sapiens

FEATURE:

US-10-177-554-195

Query Match 0.3%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2987 CACGAAACGAGCTGCC 3004

Db 18 CACAGCCAGCAGCTGCC 1

RESULT 805

US-10-289-762-1870/c
; Sequence 1870, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:

APPLICANT: Griffiths, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/10/289,762

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 1870

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-10-289-762-1870

Query Match

Best Local Similarity 88.9%; Pred. No. 7.6e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4947 ATGATTCATCGGCTG 4964

Db 19 ATGCTTCATCGAGCTG 2

RESULT 806

US-10-289-762-2493
; Sequence 2493, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:

APPLICANT: Griffiths, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/10/289,762

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 2493

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-10-289-762-2493

Query Match

Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2251 ACCTCTTGTGGG 2268

Db 3 ACCTCTTGTGGG 20

FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6050
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

US-10-289-762-6050

Query Match

Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2857 CTCTCCAAAGCTGAAC 2874

Db 1 CTCTCCAAAGCTGAAC 18

RESULT 808

US-10-435-696-303/c
; Sequence 303, Application US/10435696
; Publication No. US20040018525A1
; GENERAL INFORMATION:

APPLICANT: Wirtz, Ralph

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS

PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA

FILE REFERENCE: Lea 36 108

CURRENT APPLICATION NUMBER: US/10/435,696

NUMBER OF SEQ ID NOS: 314

SEQ ID NO 303

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: D17S2011 forward primer

US-10-435-696-303

Query Match

Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3814 GCCAAGGAGCCCAAGA 3831

Db 19 GCTACGGAGGCCCAAGA 2

RESULT 809

US-10-425-037-1
; Sequence 1, Application US/10425037
; Publication No. US20040054162A1
; GENERAL INFORMATION:

APPLICANT: Hanna, Michelle M.

TITLE OF INVENTION: Molecular Detection Systems Utilizing Repetitive Oligonucleotide

FILE REFERENCE: 2072.0010005

CURRENT APPLICATION NUMBER: US/10/425,037

NUMBER OF SEQ ID NOS: 3

SEQ ID NO 1

```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: P16DF2 Primer
US-10-425-037-1

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2951 CTATGGCAGGCGTCGAT 2968
Db      2 CTCTGGCAGGCGCTGCTT 19

RESULT 810
US-10-273-826-39
; Sequence 39, Application US/10273826
; Publication No. US20040077083A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 4 EXPRESSION
; FILE REFERENCE: RTS-0161
; CURRENT APPLICATION NUMBER: US/10/273,826
; CURRENT FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-273-826-39

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      544 CCCGCTCCAAGCGCGAG 561
Db      3 CCCGCTCCAAGCGCGAG 20

RESULT 811
US-10-274-347-39
; Sequence 39, Application US/10274347
; Publication No. US20040077084A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Walt
; APPLICANT: Steven Davidson
; APPLICANT: Junling Li
; APPLICANT: Keith Glaser
; TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 4 EXPRESSION
; FILE REFERENCE: RTS-0264
; CURRENT APPLICATION NUMBER: US/10/274,347
; CURRENT FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-274-347-39

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      544 CCCGCTCCAAGCGCGAG 561
Db      3 CCCGCTCCAAGCGCGAG 20
```

```

RESULT 812
US-10-280-183A-544/c
; Sequence 544, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Aurobindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Xian
; APPLICANT: Omen, Jeffrey D
; APPLICANT: Reed, Danielle R.
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; FILE REFERENCE: PC18306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 60/200,794
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 544
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mouse
US-10-280-183A-544

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4247 GTGAGGCTTAGCCCAAG 4264
Db      20 GTGAGGCTTAGCCCAAG 3

RESULT 813
US-10-293-863-15
; Sequence 15, Application US/10293863
; Publication No. US20040092464A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: MODULATION OF MITOGEN-ACTIVATED PROTEIN KINASE KINASE 11
; FILE REFERENCE: HTS-0090
; CURRENT APPLICATION NUMBER: US/10/293,863
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-863-15

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3732 GCGAAGCAGTGCCCGCG 3749
Db      3 GCGAAGCAGTGCTCGCG 20

RESULT 814
```

US-10-293-863-51/c
; Sequence 51, Application US/10293863
; Publication No. US20040092464A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: MODULATION OF MITOGEN-ACTIVATED PROTEIN KINASE KINASE 11 E
; FILE REFERENCE: RTS-0090
; CURRENT APPLICATION NUMBER: US/10/293,863
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-293-863-51

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3732 GGCAAGCAGTGTCCCGCG 3749
Db 18 GGCAAGCAGTGTCTCGCG 1

RESULT 815
US-10-300-263-39/c
; Sequence 39, Application US/10300263
; Publication No. US20040096834A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF HIP-1 PROTEIN INTERACTOR EXPRESSION
; FILE REFERENCE: RTS-0431
; CURRENT APPLICATION NUMBER: US/10/300,263
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-263-39

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1534 AGAAATCTGCGAGCTCA 1551
Db 20 AGAATATCTGTCAGCTCA 3

RESULT 816
US-10-300-263-40
; Sequence 40, Application US/10300263
; Publication No. US20040096834A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF HIP-1 PROTEIN INTERACTOR EXPRESSION
; FILE REFERENCE: RTS-0431
; CURRENT APPLICATION NUMBER: US/10/300,263
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-10-300-263-40

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 337 TCCCTTCCCTCAGTGCAGC 354
Db 3 TCCCTTCCCTCAGTGCAGC 20

RESULT 817
US-10-300-263-114
; Sequence 114, Application US/10300263
; Publication No. US20040096834A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF HIP-1 PROTEIN INTERACTOR EXPRESSION
; FILE REFERENCE: RTS-0431
; CURRENT APPLICATION NUMBER: US/10/300,263
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 114
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-300-263-114

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1534 AGAAATCTGCGAGCTCA 1551
Db 1 AGAATATCTGTCAGCTCA 18

RESULT 818
US-10-300-263-115/c
; Sequence 115, Application US/10300263
; Publication No. US20040096834A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF HIP-1 PROTEIN INTERACTOR EXPRESSION
; FILE REFERENCE: RTS-0431
; CURRENT APPLICATION NUMBER: US/10/300,263
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 115
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-300-263-115

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 337 TCCCTTCCCTCAGTGCAGC 354
Db 18 TCCCTTCCCTCAGTGCAGC 1

RESULT 819
US-10-303-266-24
; Sequence 24, Application US/10303266
; Publication No. US20040101848A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Alexander H. Borchers
; APPLICANT: Kenneth W. Dobie

```
; TITLE OF INVENTION: MODULATION OF GLUCOSE TRANSPORTER-4 EXPRESSION
; FILE REFERENCE: PTS-0426
; CURRENT APPLICATION NUMBER: US/10/303,266
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 157
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-266-24

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2803 AAGGAGAAATGAAGAAG 2820
Db      1 AAGGTGAAGATGAAGAAG 18

RESULT 820
US-10-303-266-101/c
; Sequence 101, Application US/10303266
; Publication No. US20040101848A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Alexander H. Borchers
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF GLUCOSE TRANSPORTER-4 EXPRESSION
; FILE REFERENCE: PTS-0426
; CURRENT APPLICATION NUMBER: US/10/303,266
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 157
; SEQ ID NO 101
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-303-266-101

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2803 AAGGAGAAATGAAGAAG 2820
Db      20 AAGGTGAAGATGAAGAAG 3

RESULT 821
US-10-304-116-86/c
; Sequence 86, Application US/10304116
; Publication No. US20040101857A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF CYTOKINE-INDUCIBLE KINASE EXPRESSION
; FILE REFERENCE: PTS-0397
; CURRENT APPLICATION NUMBER: US/10/304,116
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 138
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-304-116-86

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
```

```
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2842 TGAAGTTGGTGAGACTC 2859
Db      19 TCAAGTTGGGTGAGACTC 2

RESULT 822
US-10-316-638-26
; Sequence 26, Application US/10316638
; Publication No. US20040110151A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF SENTRYIN-2 EXPRESSION
; FILE REFERENCE: PTS-0052
; CURRENT APPLICATION NUMBER: US/10/316,638
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 75
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-638-26

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      930 AAGGAGTTCCTTTTCA 947
Db      2 AAGCAGGTTCCCTTTTCA 19

RESULT 823
US-10-316-638-60/c
; Sequence 60, Application US/10316638
; Publication No. US20040110151A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF SENTRYIN-2 EXPRESSION
; FILE REFERENCE: PTS-0052
; CURRENT APPLICATION NUMBER: US/10/316,638
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 75
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-316-638-60

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      930 AAGGAGTTCCTTTTCA 947
Db      19 AAGCAGGTTCCCTTTTCA 2

RESULT 824
US-10-317-401-65/c
; Sequence 65, Application US/10317401
; Publication No. US20040115635A1
; GENERAL INFORMATION:
; APPLICANT: Lex W. Cowser
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PTPN13 EXPRESSION
; FILE REFERENCE: PTS-0004
```


;; CURRENT APPLICATION NUMBER: US/10/317,401
;; CURRENT FILING DATE: 2002-12-11
;; NUMBER OF SEQ ID NOS: 139
;; SEQ ID NO 65
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-401-65

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4647 TAAGGAGCTGAGAGTCT 4664
DB 19 TAAGGAGCTGAGAGTCT 2

RESULT 825
US-10-317-401-129
;; Sequence 129, Application US/10317401
;; Publication No. US20040115635A1
;; GENERAL INFORMATION:
;; APPLICANT: Lex M. Cowbert
;; APPLICANT: Kenneth W. Dobie
;; TITLE OF INVENTION: MODULATION OF PTEN13 EXPRESSION
;; FILE REFERENCE: PTS-0004
;; CURRENT APPLICATION NUMBER: US/10/317,401
;; CURRENT FILING DATE: 2002-12-11
;; NUMBER OF SEQ ID NOS: 139
;; SEQ ID NO 129
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: H. sapiens
;; FEATURE:
US-10-317-401-129

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4647 TAAGGAGCTGAGAGTCT 4664
DB 2 TAAGGAGCTGAGAGTCT 19

RESULT 826
US-10-317-803-86/c
;; Sequence 86, Application US/10317803
;; Publication No. US20040115640A1
;; GENERAL INFORMATION:
;; APPLICANT: Kathleen Myers
;; APPLICANT: Kenneth W. Dobie
;; TITLE OF INVENTION: MODULATION OF ANGIOPOIETIN-2 EXPRESSION
;; FILE REFERENCE: RTS-0454
;; CURRENT APPLICATION NUMBER: US/10/317,803
;; CURRENT FILING DATE: 2002-12-11
;; NUMBER OF SEQ ID NOS: 244
;; SEQ ID NO 86
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-803-86

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3228 ATCACTGAATCATCAAC 3245

DB 20 ATCTGTGAATTTCAAC 3

RESULT 827
US-10-318-819A-20/c
;; Sequence 20, Application US/10318819A
;; Publication No. US20040115645A1
;; GENERAL INFORMATION:
;; APPLICANT: C. Frank Bennett
;; APPLICANT: Kenneth W. Dobie
;; TITLE OF INVENTION: MODULATION OF DRK2 EXPRESSION
;; FILE REFERENCE: PTS-0069
;; CURRENT APPLICATION NUMBER: US/10/318,819A
;; CURRENT FILING DATE: 2002-12-12
;; NUMBER OF SEQ ID NOS: 133
;; SEQ ID NO 20
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Antisense Oligonucleotide
US-10-318-819A-20

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1928 CAGTGTGACTTTTAAAC 1945
DB 19 CAGTGTGACTTTTAAAC 2

RESULT 828
US-10-671-395-59
;; Sequence 59, Application US/10671395
;; Publication No. US20040132063A1
;; GENERAL INFORMATION:
;; APPLICANT: Pharmacia Corp.
;; APPLICANT: Gierse, James K.
;; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSMAL PROSTAGLANDIN E2 SYNTHASE
;; FILE REFERENCE: 1179/1/US
;; CURRENT APPLICATION NUMBER: US/10/671,395
;; CURRENT FILING DATE: 2003-09-25
;; PRIOR APPLICATION NUMBER: 60/413,549
;; PRIOR FILING DATE: 2002-09-25
;; NUMBER OF SEQ ID NOS: 1809
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 59
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: artificial
;; FEATURE:
;; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-59

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2260 GGTGGGATCTTAAT 2277
DB 3 GGTGGGATCTTAAT 20

RESULT 829
US-10-671-395-80
;; Sequence 80, Application US/10671395
;; Publication No. US20040132063A1
;; GENERAL INFORMATION:
;; APPLICANT: Pharmacia Corp.
;; APPLICANT: Gierse, James K.

```
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-80

Query Match          0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2261 GTTGGGATCTTAACCTA 2278
Db      1 GTTGGGATCTTAATA 18

RESULT 830
US-10-671-395-1275/c
; Sequence 1275, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1275
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1275

Query Match          0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1534 AGAAATCTGCAGCTCA 1551
Db      19 AGAAATCTTCAGCTAA 2

RESULT 831
US-10-671-395-1460/c
; Sequence 1460, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; SOFTWARE: PatentIn version 3.2
```

```
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1460
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1460

Query Match          0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1534 AGAAATCTGCAGCTCA 1551
Db      18 AGAAATCTTCAGCTAA 1

RESULT 832
US-10-671-395-1477/c
; Sequence 1477, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1477
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1477

Query Match          0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1534 AGAAATCTGCAGCTCA 1551
Db      20 AGAAATCTTCAGCTAA 3

RESULT 833
US-10-666-909-17/c
; Sequence 17, Application US/10666909
; Publication No. US20040137623A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Kathleen Myers
; APPLICANT: Joshua Finger
; TITLE OF INVENTION: DELIVERY OF OLIGONUCLEOTIDE COMPOUNDS INTO OSTEOCLASTS AND MODUL.
; FILE REFERENCE: 23546-07993/RTSP-0313US.P1
; CURRENT APPLICATION NUMBER: US/10/666,909
; CURRENT FILING DATE: 2003-09-17
; PRIOR FILING DATE: 2002-08-06
; PRIOR APPLICATION NUMBER: 10/111,868
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: PCT/US00/29828
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: 09/435,296
; PRIOR FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSeq for Windows Version 4.0
```

; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense oligonucleotide
US-10-666-909-17

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 684 AATGAGATGATTAATTC 701
Db 20 AATGAGAGATTAATGC 3

RESULT 834
US-10-666-909-65
; Sequence 65, Application US/10666909
; Publication No. US20040137623A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Kathleen Myers
; APPLICANT: Joshua Finger
; TITLE OF INVENTION: DELIVERY OF OLIGONUCLEOTIDE COMPOUNDS INTO OSTEOCLASTS AND MODULA
; FILE REFERENCE: 23546-07993/RTSP-0313US.P1
; CURRENT FILING DATE: 2003-09-17
; PRIOR APPLICATION NUMBER: 10/111,868
; PRIOR FILING DATE: 2002-08-06
; PRIOR APPLICATION NUMBER: PCT/US00/29828
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: 09/435,296
; PRIOR FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
US-10-666-909-65

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 684 AATGAGATGATTAATTC 701
Db 1 AATGAGAGATTAATGC 18

RESULT 835
US-10-449-741B-32/C
; Sequence 32, Application US/10449741B
; Publication No. US20040142387A1
; GENERAL INFORMATION:
; APPLICANT: LERMARK, Ake
; APPLICANT: LUD, Dong
; APPLICANT: MACMURRAY, Armand
; APPLICANT: ETTINGER, Ruth
; APPLICANT: MORALEJO, Daniel
; APPLICANT: RUTLEDGE, Elizabeth A.
; TITLE OF INVENTION: MUTANTS OF GAD65 AND IANS RELATING TO DIABETES
; FILE REFERENCE: 16336-19
; CURRENT APPLICATION NUMBER: US/10/449,741B
; PRIOR FILING DATE: 2003-05-29
; PRIOR APPLICATION NUMBER: US 60/383,913
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-449-741B-32

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2377 AGAGAGGAGCAGCAAGC 2394
Db 19 AGAAGAGGAGCTGAAGC 2

RESULT 836
US-10-619-739-1596
; Sequence 1596, Application US/10619739
; Publication No. US20040175719A1
; GENERAL INFORMATION:
; APPLICANT: Christians, Frederick C.
; TITLE OF INVENTION: Synthetic Tag Genes
; FILE REFERENCE: 3502.1
; CURRENT APPLICATION NUMBER: US/10/619,739
; PRIOR FILING DATE: 2003-07-14
; PRIOR APPLICATION NUMBER: 60/395,530
; PRIOR FILING DATE: 2002-07-12
; NUMBER OF SEQ ID NOS: 2068
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1596
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-619-739-1596

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3287 CCTGCACGTCAAGAGAC 3304
Db 1 CTTGCACGTCAAGAGAC 18

RESULT 837
US-09-765-081-424/C
; Sequence 424, Application US/09765081
; Patent No. US20020037508A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2008-001
; CURRENT APPLICATION NUMBER: US/09/765,081
; PRIOR FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: US 60/176,861
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 461
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 424
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-765-081-424

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 8.2e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 3567 CCCCTGATGCTCCCTGAG 3586
DB 21 CCCCTGATGCTCCCTGAG 2

RESULT 838
US-09-760-139-14/c
; Sequence 14, Application US/09760139
; Patent No. US20020058304A1
; GENERAL INFORMATION:
; APPLICANT: Yaver, Debbie S.
; APPLICANT: Bellini, Daniel A.
; TITLE OF INVENTION: Methods For Producing A Polypeptide
; FILE REFERENCE: 5966.200-US
; CURRENT APPLICATION NUMBER: US/09/760,139
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/482,751
; PRIOR FILING DATE: 2000-01-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Aspergillus oryzae
US-09-760-139-14

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3277 CACCAATGCCCCCTGCAGC 3294
DB 21 CACCAATGCCCCCTGCAGC 4

RESULT 839
US-09-969-373-2418
; Sequence 2418, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; PRIOR FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 2418
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-2418

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 271 TCTCTCTTCTCTCTC 288
DB 4 TCTCTCTCTCTCTC 21

RESULT 840
US-10-184-085A-284/c
; Sequence 284, Application US/10184085A

; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 284
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-284

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2817 GAGGAAGTGGGGGAG 2834
DB 19 GATGATGTGAGGGGAG 2

RESULT 841
US-10-184-085A-976/c
; Sequence 976, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 976
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-976

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2817 GAGGAAGTGGGGGAG 2834
DB 19 GATGATGTGAGGGGAG 2

RESULT 842
US-10-133-779-138
; Sequence 138, Application US/10133779
; Publication No. US2003015884A1
; GENERAL INFORMATION:
; APPLICANT: Chow, Robert
; APPLICANT: Tonal, Richard
; APPLICANT: StemCite, Inc.
; TITLE OF INVENTION: High Throughput Methods of HLA Typing
; FILE REFERENCE: 020035-000210US
; CURRENT APPLICATION NUMBER: US/10/133,779
; CURRENT FILING DATE: 2002-04-25

```
; PRIOR APPLICATION NUMBER: US/09/747,391
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/172,768
; PRIOR FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 138
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-133-779-138

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      725 CTCATGAGGTTCTTCAC 742
      |||||
Db      4 CTCATGAGGTTCTTCAC 21

RESULT 843
US-10-367-438-186
; Sequence 186, Application US/10367438
; Publication No. US20030180773A1
; GENERAL INFORMATION:
; APPLICANT: COHEN, Daniel
; BLUMENFELD, Marta
; TCHOUMAKOV, Iliia
; TITLE OF INVENTION: Biallelic markers for use in
; constructing a high density disequilibrium map of
; the human genome.
; NUMBER OF SEQUENCES: 336
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 550 West C Street
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Win95
; SOFTWARE: Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/367,438
; FILING DATE: 14-Feb-2003
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/463,075A
; FILING DATE: 14-Jan-2000
; INFORMATION FOR SEQ ID NO: 186:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: downstream amplification primer for SEQ ID#6, SEQ ID#6
; LOCATION: 1..21
; SEQUENCE DESCRIPTION: SEQ ID NO: 186:
US-10-367-438-186

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1588 TGGTGAAGACAGAGAG 1605
      |||||
Db      4 TGGTGAAGACAGAGAG 21
```

```
RESULT 844
US-10-453-264-21/c
; Sequence 21, Application US/10453264
; Publication No. US20030198947A1
; GENERAL INFORMATION:
; APPLICANT: Roche Diagnostics Corporation
; TITLE OF INVENTION: Hepatitis Sentinel Virus I
; FILE REFERENCE: RDID 0069CUS
; CURRENT APPLICATION NUMBER: US/10/453,264
; CURRENT FILING DATE: 2003-06-03
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct - linker sequence
US-10-453-264-21

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3069 CAGACCTCTCAGGCGCAG 3086
      |||||
Db      21 CAGACCTCTCAGGCGCAG 4

RESULT 845
US-10-371-666-26/c
; Sequence 26, Application US/10371666
; Publication No. US20030219497A1
; GENERAL INFORMATION:
; APPLICANT: Orlowski, Leo E.
; APPLICANT: Choi, Augustine M. K.
; APPLICANT: Moore, Beverly A.
; APPLICANT: Bauer, Anthony J.
; TITLE OF INVENTION: METHODS OF TREATING ILEUS
; FILE REFERENCE: 14022-006001
; CURRENT APPLICATION NUMBER: US/10/371,666
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: US 60/372,652
; PRIOR FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-371-666-26

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      718 AAGCGCTCCATGAGGT 735
      |||||
Db      18 AAGCGCTCCATGAGGT 1

RESULT 846
US-10-418-182-124
; Sequence 124, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
```

```
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 124
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-124

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1715 CATGATCACCATCTTCAT 1732
Db 4 CATCATCACCATCATCATCAT 21

RESULT 847
US-10-349-143-8118
; Sequence 8118, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marca
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8118
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-13860 for SEQ 253, in compleme
US-10-349-143-8118

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2696 ACAGATTGAGTTCTCTCAG 2713
Db 4 ACAGATTGAGTTCTCTCAG 21

RESULT 848
US-10-349-143-8648
; Sequence 8648, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marca
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1588 TGGTGAAACAGAGAGG 1605
Db 4 TGGTGAAACAGAGAGG 21

RESULT 850
US-10-349-143-11206
; Sequence 11206, Application US/10349143
```

```
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Ballelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIORITY FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIORITY FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIORITY FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIORITY FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIORITY FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11206
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-3393 for SEQ 3341, in compleme
US-10-349-143-11206
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
Qy      1588 TGTGGAACGAGAGG 1605
Db      4 TGGAGAGAGGAGAGG 21
```

```
RESULT 851
US-10-786-720-2046/c
; Sequence 2046, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; PRIORITY FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2046
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-2046
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      2810 AATGAGAGAGAGTGA 2827
Db      21 AACTGAGAGAGAGTGA 4
```

```
RESULT 852
US-10-786-720-3643/c
; Sequence 3643, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
```

```
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; PRIORITY FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3643
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-3643
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      1985 GCTGCCAGCCTGAGCA 2002
Db      21 GCTGCCCTAGCCTGAGCA 4
```

```
RESULT 853
US-10-786-720-3644/c
; Sequence 3644, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; PRIORITY FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3644
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-3644
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      1985 GCTGCCAGCCTGAGCA 2002
Db      19 GCTGCCCTAGCCTGAGCA 2
```

```
RESULT 854
US-10-786-720-3645
; Sequence 3645, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; PRIORITY FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3645
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
```

US-10-786-720-3645

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 77.8%; Pred. No. 8.2e+02;
Matches 14; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1985 GCTGGCCAGCCTGAGCA 2002
|||:|||||:|||||:
Db 1 GCUGCCUAGCCUGAGAA 18

RESULT 855

US-10-786-720-4351/c
; Sequence 4351, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4351
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-4351

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1985 GCTGGCCAGCCTGAGCA 2002
|||:|||||:|||||:
Db 21 GCTGGCCTAGCCTGAGAA 4

RESULT 856
US-10-786-720-4352/c
; Sequence 4352, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4352
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1-sense strand
US-10-786-720-4352

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1985 GCTGGCCAGCCTGAGCA 2002
|||:|||||:|||||:
Db 19 GCTGGCCTAGCCTGAGAA 2

RESULT 857
US-10-786-720-4353

; Sequence 4353, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4353
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1-antisense strand
US-10-786-720-4353

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 77.8%; Pred. No. 8.2e+02;
Matches 14; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1985 GCTGGCCAGCCTGAGCA 2002
|||:|||||:|||||:
Db 1 GCUGCCUAGCCUGAGAA 18

RESULT 858
US-10-786-720-5083/c
; Sequence 5083, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5083
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-5083

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1985 GCTGGCCAGCCTGAGCA 2002
|||:|||||:|||||:
Db 21 GCTGGCCTAGCCTGAGAA 4

RESULT 859
US-10-786-720-5084/c
; Sequence 5084, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2


```
; SEQ ID NO 5084
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Rnai-sense strand
US-10-786-720-5084

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1985 GCTGGCCAGCCTGAGCA 2002
Db      19   GCTGGCCAGCCTGAGAA 2

RESULT 860
US-10-786-720-5085
; Sequence 5085, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5085
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Rnai-antisense strand
US-10-786-720-5085

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 77.8%; Pred. No. 8.2e+02;
Matches 14; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      1985 GCTGGCCAGCCTGAGCA 2002
Db      1   GCTGGCCAGCCTGAGAA 18

RESULT 861
US-10-786-720-12931
; Sequence 12931, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12931
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-12931

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1300 AGCTACGCAACTGACAA 1317
Db      2   AGCAGCTCAACTGACAA 19
```

```
RESULT 862
US-10-786-720-13546
; Sequence 13546, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13546
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13546

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1015 AAGCATGACACCACTG 1032
Db      1   AATCATGACACCAAG 18

RESULT 863
US-10-786-720-13548/c
; Sequence 13548, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13548
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Rnai-antisense strand
US-10-786-720-13548

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1015 AAGCATGACACCACTG 1032
Db      21  AATCATGACACCAAG 4

RESULT 864
US-10-786-720-13720
; Sequence 13720, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
```

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; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 13720
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13720

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      399 AGGCCACCAAGAGCCAC 416
Db      4 AGGCCACCAAGCGGCTAC 21

RESULT 865
US-10-786-720-13721
; Sequence 13721, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 13721
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-13721

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      399 AGGCCACCAAGAGCCAC 416
Db      2 AGGCCACCAAGCGGCTAC 19

RESULT 866
US-10-786-720-13722/c
; Sequence 13722, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 13722
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13722

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

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QY      399 AGGCCACCAAGAGCCAC 416
Db      18 AGGCCACCAAGCGGCTAC 1

RESULT 867
US-10-786-720-13768
; Sequence 13768, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 13768
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13768

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1015 AAAGCATGGACACCACTG 1032
Db      4 AAATCATGGACACCACTG 21

RESULT 868
US-10-786-720-13769
; Sequence 13769, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 13769
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-13769

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 8.2e+02;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      1015 AAAGCATGGACACCACTG 1032
Db      2 AAATCATGGACACCACTG 19

RESULT 869
US-10-786-720-13770/c
; Sequence 13770, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
```

```

; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13770
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-786-720-13770

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1015 AAAGCATGACACCACTG 1032
Db 18 AAATCATGACACCAAG 1

RESULT 870
US-10-786-720-13802/c
; Sequence 13802, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13802
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-13802

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1341 AAGGTCAAGCCTTGCTG 1358
Db 21 AAGGTCAAGCATTGCTG 4

RESULT 871
US-10-786-720-14338
; Sequence 14338, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14338
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-14338

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 924 GAGCCAGAGAGTTCTT 941
Db 1 GATGCTAGAGAGTTCTT 18

RESULT 874
US-10-786-720-17483
; Sequence 17483, Application US/10786720
```

```
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17483
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1-sense strand
US-10-786-720-17483

Query Match          0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 66.7%; Pred. No. 8.2e+02;
Matches 12; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY      3217 GTGCTTCAGCATCTACTG 3234
      |||:|||||:|||||:
Db      1 GUGGAUCCAGCUCUACUG 18

RESULT 875
US-10-786-720-18671
; Sequence 18671, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18671
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1-sense strand
US-10-786-720-18671

Query Match          0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 66.7%; Pred. No. 8.2e+02;
Matches 12; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY      3217 GTGCTTCAGCATCTACTG 3234
      |||:|||||:|||||:
Db      1 GUGGAUCCAGCUCUACUG 18

RESULT 876
US-10-786-720-20320
; Sequence 20320, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20320
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; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20320

Query Match          0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5067 TTCTTCTATCTCTGTGG 5084
      |||||:|||||:|||||:
Db      3 TTCTGCTATCTCTGTG 20

RESULT 877
US-10-786-720-20322/c
; Sequence 20322, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20322
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1-antisense strand
US-10-786-720-20322

Query Match          0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5067 TTCTTCTATCTCTGTGG 5084
      |||||:|||||:|||||:
Db      19 TTCTGCTATCTCTGTG 2

RESULT 878
US-09-788-038-40/c
; Sequence 40, Application US/09788038
; Patent No. US20020072055A1
; GENERAL INFORMATION:
; APPLICANT: Jones, Douglas H.
; TITLE OF INVENTION: An Iterative and Regenerative DNA
; Sequencing Method
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/788,038
; FILING DATE: 16-Feb-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/226,683
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
```

NAME: Hanley, Elizabeth A.
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: UTZ-022
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 40:
US-09-788-038-40

Query Match 0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1039 CAGAGACATCTTAAG 1056
DB 22 CAGAGACATCTTAACG 5

RESULT 879
US-09-969-373-3603
Sequence 3603, Application US/09969373
Patent No. US20020133852A1
GENERAL INFORMATION:
APPLICANT: Effeitz, Roger J.
TITLE OF INVENTION: Soybean SSR and Methods of Genotyping
FILE REFERENCE: 38-10(52679)A
CURRENT APPLICATION NUMBER: US/09/969,373
PRIOR FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US 09/754,853
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US 09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 3603
LENGTH: 22
TYPE: DNA
ORGANISM: Glycine max
US-09-969-373-3603

Query Match 0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4672 TTGTTAGGTAAGAA 4689
DB 4 TTGTTAAGGTAACATA 21

RESULT 880
US-09-263-959-610/c
Sequence 610, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI-
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington

COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMaisters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 682-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 610:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-610

Query Match 0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1594 AAACAGAGAGAGAGA 1611
DB 22 AAACAGAGAGAGAGAGA 5

RESULT 881
US-09-837-621-40/c
Sequence 40, Application US/09837621
Publication No. US20030044784A1
GENERAL INFORMATION:
APPLICANT: Jones, Douglas H.
TITLE OF INVENTION: An Iterative and Regenerative DNA Sequencing Method
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/837,621
FILING DATE: 17-Apr-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/035,183
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Hanley, Elizabeth A.
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: UTZ-022CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs

```

;
;      TYPE: nucleic acid
;      STRANDEDNESS: single
;      TOPOLOGY: linear
;      MOLECULE TYPE: DNA
;      SEQUENCE DESCRIPTION: SEQ ID NO: 40:
US-09-837-621-40

Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1039 CAGAGAGCATCTTAAG 1056
Db      22 CAGAGATCATCTTACG 5

RESULT 882
US-09-782-604-37/c
; Sequence 37, Application US/09782604
; Publication No. US20030143534A1
; GENERAL INFORMATION:
; APPLICANT: GOSWAMI, USHA
; APPLICANT: BERNARDI, GIACOMO
; APPLICANT: GOSWAMI, SUBHASH CHANDER
; APPLICANT: JOHNSON, ROBERT K.
; TITLE OF INVENTION: PROBES FOR MYCTOPHID FISH AND A METHOD FOR DEVELOPING
; FILE REFERENCE: 05689/0117
; CURRENT APPLICATION NUMBER: US/09/782,604
; CURRENT FILING DATE: 2001-02-14
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 37
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-782-604-37

Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2908 AGCAGATCTCATGACGA 2925
Db      22 AGCAGATCATCATCAGAA 5

RESULT 883
US-10-112-645-7
; Sequence 7, Application US/10112645
; Publication No. US20020169127A1
; GENERAL INFORMATION:
; APPLICANT: Charmley, Patrick R.
; APPLICANT: Smith, Ryan C.
; APPLICANT: Argonza-Barrett, Rhodora H.
; APPLICANT: Fitzgibbon, Matthew P.
; APPLICANT: Wang, Kai P.
; TITLE OF INVENTION: Compositions and Methods for Diagnosing or Treating Psoriasis
; FILE REFERENCE: C6CH18764
; CURRENT APPLICATION NUMBER: US/10/112,645
; CURRENT FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: US 60/280,514
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentln version 3.1
; SEQ ID NO 7
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide PCR Primer
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```

US-10-112-645-7

Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2698 CTGCTAGACGACGACATC 2915
Db      5 CCCTGACGACGACATC 22

RESULT 884
US-10-127-816-54
; Sequence 54, Application US/10127816
; Publication No. US20030104416A1
; GENERAL INFORMATION:
; APPLICANT: Shepard, Paul O.
; APPLICANT: Fox, Brian A.
; APPLICANT: Klucher, Kevin M.
; APPLICANT: Taft, David W.
; APPLICANT: Kindvogel, Wayne R.
; TITLE OF INVENTION: CYTOKINE PROTEIN FAMILY
; FILE REFERENCE: 01-17
; CURRENT APPLICATION NUMBER: US/10/127,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US 60/285,408
; PRIOR FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: US 60/286,482
; PRIOR FILING DATE: 2001-04-25
; PRIOR APPLICATION NUMBER: US 60/341,050
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/341,105
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 09/895,834
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 60/285,424
; PRIOR FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 59
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 54
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer ZC39741
US-10-127-816-54

Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3838 TCAGTCCGAGGCCCGG 3855
Db      5 TCAGTCCGAGGCCCTGG 22

RESULT 885
US-10-083-246A-16/c
; Sequence 16, Application US/10083246A
; Publication No. US20030152936A1
; GENERAL INFORMATION:
; APPLICANT: Athena Diagnostics
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR GENETIC ANALYSIS OF POLYCYSTIC KIDN-
; FILE REFERENCE: 1133/2002
; CURRENT APPLICATION NUMBER: US/10/083,246A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: Patentln version 3.1
; SEQ ID NO 16
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
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FEATURE:
NAME/KEY: misc feature
LOCATION: (1)-(22)
OTHER INFORMATION: Synthetic primer
US-10-083-246A-16

Query Match 0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3160 TCACCAGCCAGCAGCCCA 3177
DB 18 TCACCAGCCAGCAGCCCA 1

RESULT 886
US-10-345-092-60/c
Sequence 60, Application US/10345092
Publication No. US20030165506A1
GENERAL INFORMATION:
APPLICANT: Vlaams Interuniversitair Instituut voor Biotechnol
TITLE OF INVENTION: No. US20030165506A1el alpha-catenin expressed in heart and testis
FILE REFERENCE: FVR/atc/V067
CURRENT APPLICATION NUMBER: US/10/345.092
CURRENT FILING DATE: 2003-01-13
PRIOR APPLICATION NUMBER: 00202472.7
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/218,309
PRIOR FILING DATE: 2000-07-14
NUMBER OF SEQ ID NOS: 134
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 60
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: lower primer
US-10-345-092-60

Query Match 0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3693 CTCACCAAGCCCGAG 3710
DB 20 CTCACCAAGCCCGAG 3

RESULT 887
US-10-096-578-83/c
Sequence 83, Application US/10096578
Publication No. US20030165874A1
GENERAL INFORMATION:
APPLICANT: Lepeert, Mark F.
APPLICANT: Singh, Nanda
TITLE OF INVENTION: KCNQ2 AND KCNQ3 - POTASSIUM CHANNEL GENES WHICH ARE
TITLE OF INVENTION: MUTATED IN BENIGN FAMILIAL NEONATAL CONVULSIONS (BNFC)
FILE REFERENCE: 2323-160
CURRENT APPLICATION NUMBER: US/10/096.578
CURRENT FILING DATE: 2002-03-14
PRIOR APPLICATION NUMBER: US 09/177,650
PRIOR FILING DATE: 1998-10-23
PRIOR APPLICATION NUMBER: US 60/063,147
PRIOR FILING DATE: 1997-10-24
NUMBER OF SEQ ID NOS: 129
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 83
LENGTH: 22
TYPE: DNA
ORGANISM: Homo sapiens

US-10-096-578-83

Query Match 0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4083 CCTCAGTGTGCTACT 4100
DB 21 CCTCAGTGTGCTACT 4

RESULT 888
US-10-115-718A-3/c
Sequence 3, Application US/10115718A
Publication No. US20030171271A1
GENERAL INFORMATION:
APPLICANT: Baciu, Peter C.
APPLICANT: Zhang, Heying
APPLICANT: Manuel, Verna M.
TITLE OF INVENTION: METHODS OF SCREENING AND USING
TITLE OF INVENTION: INHIBITORS OF ANGIOGENESIS
FILE REFERENCE: 17430 (AP)
CURRENT APPLICATION NUMBER: US/10/115.718A
CURRENT FILING DATE: 2002-03-04
PRIOR APPLICATION NUMBER: 60/281,512
PRIOR FILING DATE: 2001-04-04
NUMBER OF SEQ ID NOS: 16
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 3
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer
US-10-115-718A-3

Query Match 0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4866 GCCAAGCCTGTGCCAG 4883
DB 21 GCCAAGCCTGTGCCAG 4

RESULT 889
US-10-372-696-40/c
Sequence 40, Application US/10372696
Publication No. US20030175780A1
GENERAL INFORMATION:
APPLICANT: Jones, Douglas H.
TITLE OF INVENTION: An Iterative and Regenerative DNA
Sequencing Method
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/372.696
FILING DATE: 24-Feb-2003
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/742.755A
FILING DATE: 01-NOV-1996

```
ATTORNEY/AGENT INFORMATION:
NAME: Hanley, Elizabeth A.
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: UIZ-022
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-10-372-696-40

Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1039 CAGAGAGCATCTTAAG 1056
DB      22 CAGAGAGCATCTTACG 5

RESULT 890
US-10-032-585-4627
Sequence 4627, Application US/10032585
Publication No. US20030180953A1
GENERAL INFORMATION:
APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: SeqID version 3.1
SEQ ID NO 4627
LENGTH: 22
TYPE: DNA
ORGANISM: Candida albicans
US-10-032-585-4627

Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5054 ATAGTCAGCCTTTCTT 5071
DB      3 ATATGCAGCCTTTGCTT 20

RESULT 891
US-10-092-900A-535/C
Sequence 535, Application US/10092900A
Publication No. US2004004382A1
GENERAL INFORMATION:
APPLICANT: Padigaru, Muralidhara
APPLICANT: Spytek, Kimberly A.
APPLICANT: Shenoy, Suresh G.
APPLICANT: Taupier Jr., Raymond J.
APPLICANT: Pena, Carol E.A.
APPLICANT: Li, Li
APPLICANT: Zerhusen, Bryan D.
APPLICANT: Gusev, Vladimir Y.
APPLICANT: Uli, Weizhen
APPLICANT: Gorman, Linda
APPLICANT: Miller, Charles E.
APPLICANT: Kekuda, Rameesh
```

```
APPLICANT: Patnirajan, Meera
APPLICANT: Gangolli, Esha A.
APPLICANT: Verneq, Corine A.M.
APPLICANT: Guo, Xiaojia Sasha
APPLICANT: Tchernev, Velizar T.
APPLICANT: Fernandes, Elma R.
APPLICANT: Casman, Stacie J.
APPLICANT: Malpankar, Uriel M.
APPLICANT: Gerlach, Valerie
APPLICANT: Liu, Yi
APPLICANT: Anderson, David W.
APPLICANT: Spaderna, Steven K.
APPLICANT: Catterton, Elina
APPLICANT: Leite, Mario W.
APPLICANT: Zhong, Haihong
APPLICANT: Alsobrook, John P.
APPLICANT: Lepley, Denise M.
APPLICANT: Rieger, Daniel K.
APPLICANT: Burgess, Catherine E.
TITLE OF INVENTION: No. US2004004382A1e1 Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-290C
CURRENT APPLICATION NUMBER: US/10/092,900A
CURRENT FILING DATE: 2002-03-07
PRIOR APPLICATION NUMBER: USN 60/274,322
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: USN 60/283,675
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: USN 60/338,092
PRIOR FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: USN 60/274,281
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: USN 60/274,191
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: USN 60/325,681
PRIOR FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: USN 60/304,354
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: USN 60/279,995
PRIOR FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: USN 60/294,899
PRIOR FILING DATE: 2001-05-31
PRIOR APPLICATION NUMBER: USN 60/287,424
PRIOR FILING DATE: 2001-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 768
SEQ ID NO 535
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
US-10-092-900A-535

Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1095 TCTGATTTGTGAAGCA 1112
DB      18 TCAGCATTTGTGAAGCA 1

RESULT 892
US-10-236-417-338
Sequence 338, Application US/10236417
Publication No. US20040048256A1
GENERAL INFORMATION:
APPLICANT: Agee et al.
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-442C
CURRENT APPLICATION NUMBER: US/10/236,417
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US60/318,120
```



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; PRIOR FILING DATE: 2001-09-01
; PRIOR APPLICATION NUMBER: US60/318,430
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US60/322,781
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/318,184
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/361,663
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US60/396,412
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US60/322,636
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,817
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,816
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/323,519
; PRIOR FILING DATE: 2001-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 341
; SOFTWARE: Custom
; SEQ ID NO 338
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
US-10-336-417-338
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      3092 GGAGAGCTCTATGACTT 3109
Db      5 GGAGAGATCTATGACTT 22
```

```
RESULT 893
US-10-307-817-464/c
; Sequence 464, Application US/10307817
; Publication No. US20040058338A1
; GENERAL INFORMATION:
; APPLICANT: Agee et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-502C
; CURRENT APPLICATION NUMBER: US/10/307,817
; CURRENT FILING DATE: 2002-12-02
; NUMBER OF SEQ ID NOS: 682
; SOFTWARE: Curaseqdist version 0.1
; SEQ ID NO 464
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-307-817-464
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      2750 ATTCTACCTGGAGTTCCA 2767
Db      22 ATTCTCTAGATTCCA 5
```

```
RESULT 894
US-10-307-817-607/c
; Sequence 607, Application US/10307817
; Publication No. US20040058338A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Agee et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-502C
; CURRENT APPLICATION NUMBER: US/10/307,817
; CURRENT FILING DATE: 2002-12-02
; NUMBER OF SEQ ID NOS: 682
; SOFTWARE: Curaseqdist version 0.1
; SEQ ID NO 607
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-307-817-607
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      2750 ATTCTACCTGGAGTTCCA 2767
Db      22 ATTCTCTAGATTCCA 5
```

```
RESULT 895
US-10-697-487-3/c
; Sequence 3, Application US/10697487
; Publication No. US20040126825A1
; GENERAL INFORMATION:
; APPLICANT: Baciu, Peter C.
; APPLICANT: Zhang, Heying
; APPLICANT: Manuel, Verna M.
; TITLE OF INVENTION: METHODS OF SCREENING AND USING
; TITLE OF INVENTION: INHIBITORS OF ANGIOGENESIS
; FILE REFERENCE: 17430 (AP)
; CURRENT APPLICATION NUMBER: US/10/697,487
; CURRENT FILING DATE: 2003-10-29
; PRIOR APPLICATION NUMBER: US/10/115,718A
; PRIOR FILING DATE: 2002-03-04
; PRIOR APPLICATION NUMBER: 60/281,512
; PRIOR FILING DATE: 2001-04-04
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-697-487-3
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4866 GCCAGGCCCTGTGCCAGG 4883
Db      21 GCAAGGCGATGTGCCAGG 4
```

```
RESULT 896
US-08-979-847-50
; Sequence 50, Application US/08979847
; Publication No. US2003039664A1
; GENERAL INFORMATION:
; APPLICANT: PERRON, HERVE
; APPLICANT: BESEME, FREDERIC
; APPLICANT: BEDIN, FREDERIC
; APPLICANT: PARANHOS-BACCALA, GLAUCIA
; APPLICANT: KOMURIAN-PRADEL, FLORENCE
; APPLICANT: JOLIVIER-REYNAUD, COLETTE
; APPLICANT: MANDRAND, BERNARD
; APPLICANT: GARSON, JEREMY
```

```

; APPLICANT: TURE, PHILIP
; TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS
; TITLE OF INVENTION: ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYLACT
; TITLE OF INVENTION: THERAPEUTIC PURPOSES
; NUMBER OF SEQUENCES: 210
; CORRESPONDENCE ADDRESS:
; ADDRESSER: OLIF F. BERRIDGE, PLC
; STREET: P.O. BOX 19928
; CITY: ALEXANDRIA
; STATE: VA
; COUNTRY: USA
; ZIP: 22320
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/979,847
; FILING DATE: 26-NOV-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BERRIDGE, WILLIAM P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: MPB 39046A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6400
; TELEFAX: 703-836-2787
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleotide
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-979-847-50

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3581 CCTGAGTTCTCTCCCTAGGCC 3601
DB      1 CCTGAGTTCTTGACACTACCC 21

RESULT 897
US-09-825-886-6
; Sequence 6, Application US/09825886
; Publication No. US2002076693A1
; GENERAL INFORMATION:
; APPLICANT: Hovanesian, Ara
; APPLICANT: Callebaut, Christian
; APPLICANT: Krust, Bernard
; APPLICANT: Jacotot, Etienne
; APPLICANT: Muller, Sylviane
; APPLICANT: Briand, Jean-Paul
; APPLICANT: Gaichard, Giles
; TITLE OF INVENTION: A NOVEL CELL SURFACE RECEPTOR FOR HIV RETROVIRUSES,
; TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC USES.
; FILE REFERENCE: 03495.0166-01000
; CURRENT APPLICATION NUMBER: US/09/825,886
; FILING DATE: 2001-07-26
; PRIOR APPLICATION NUMBER: 09/393,302
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: PCT/EP98/01409
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/040,969
; PRIOR FILING DATE: 1997-03-12
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 6
; LENGTH: 21
```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; US-09-825-886-6

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3918 CCGACGCGCGCGCGCGCTG 3938
DB      1 CCGCGCGCGCGCGCGCTCTG 21

RESULT 898
US-09-835-232-14
; Sequence 14, Application US/09835232
; Patent No. US20020098489A1
; GENERAL INFORMATION:
; APPLICANT: Leder, Philip
; APPLICANT: Leader, Benjamin
; TITLE OF INVENTION: FORMIN-2 NUCLEIC ACIDS AND POLYPEPTIDES
; TITLE OF INVENTION: AND USES THEREOF
; FILE REFERENCE: 00383/052002
; CURRENT APPLICATION NUMBER: US/09/835,232
; FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: US 60/196,811
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Mus musculus
; US-09-835-232-14

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      114 GTCTCAGAGCGCGTCATTCC 134
DB      1 GTCTCAGAGCGCGTCATTCC 21

RESULT 899
US-09-774-414-17
; Sequence 17, Application US/09774414
; Patent No. US20020102231A1
; GENERAL INFORMATION:
; APPLICANT: The Institute of Physical and Chemical Research
; TITLE OF INVENTION: Endonuclease
; FILE REFERENCE: PH-651
; CURRENT APPLICATION NUMBER: US/09/774,414
; FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 09/306,970
; PRIOR FILING DATE: 1999-05-07
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
; US-09-774-414-17

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
```



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; TITLE OF INVENTION: EXPRESSION AND EXPRESSION OF A FOREIGN PROTEIN IN A MONOCOT
; FILE REFERENCE: 0801017200US00
; CURRENT APPLICATION NUMBER: US/09/771,009
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Barley stripe mosaic virus
; US-09-771-009-12

Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2805 GGAGAAATTCAGAGAGACT 2825
DB 21 GGAGAAATTCAGAGAGACT 1

RESULT 903
US-09-898-659-9/c
; Sequence 9, Application US/09898659
; Publication No. US20030024013A1
; GENERAL INFORMATION:
; APPLICANT: Tanksley, Steven D.
; TITLE OF INVENTION: GENE CONTROLLING FRUIT SIZE AND CELL DIVISION IN
; FILE REFERENCE: 19603/3211
; CURRENT APPLICATION NUMBER: US/09/898,659
; PRIOR FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 60/215,824
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 9
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: GSPI Primer
US-09-898-659-9

Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3222 TCCAGATCAGTGAATCATC 3242
DB 21 TCCAGATCAGTGAATCATC 1

RESULT 904
US-09-981-803-25/c
; Sequence 25, Application US/09981803
; Publication No. US20030032092A1
; GENERAL INFORMATION:
; APPLICANT: Joel CROUZET
; APPLICANT: Daniel SCHEERMAN
; APPLICANT: Beatrice CAMERON
; APPLICANT: Pierre WILS
; APPLICANT: Anne-Marie DARQUET
; TITLE OF INVENTION: DNA MOLECULES, PREPARATION AND USE IN GENE THERAPY
; FILE REFERENCE: MINICIRCLE
; CURRENT APPLICATION NUMBER: US/09/981,803
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
```

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; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of the artificial sequence:
; OTHER INFORMATION: oligonucleotide
US-09-981-803-25

Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2800 AGGAGAGAAATGAGAGAG 2820
DB 21 AAGAGAGAGAGAGAGAGAG 1

RESULT 905
US-09-896-908-3/c
; Sequence 3, Application US/09896908
; Publication No. US20030040029A1
; GENERAL INFORMATION:
; APPLICANT: The Research Foundation of State University of New York
; TITLE OF INVENTION: Detection of Tumor Marker Transcript and Protein Recognized by Nai
; FILE REFERENCE: Docket 178-228 CIP II
; CURRENT APPLICATION NUMBER: US/09/896,908
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 09/423,585
; PRIOR FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: EC4 primer
US-09-896-908-3

Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 504 ACCCCACCATGTCCTCTGC 524
DB 21 ACCTTCCCATGTCCTCTGC 1

RESULT 906
US-09-923-327-150/c
; Sequence 150, Application US/09923327
; Publication No. US20030096236A1
; GENERAL INFORMATION:
; APPLICANT: MURPHY, Patricia D.
; TITLE OF INVENTION: Determining Common Functional Alleles in a Population and Uses Th
; FILE REFERENCE: 044921-5054-02
; CURRENT APPLICATION NUMBER: US/09/923,327
; PRIOR FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: US 08/598,591
; PRIOR FILING DATE: 1996-02-12
; PRIOR APPLICATION NUMBER: US 08/798,691
; PRIOR FILING DATE: 1997-02-12
; PRIOR APPLICATION NUMBER: US 08/905,772
; PRIOR FILING DATE: 1997-08-04
; PRIOR APPLICATION NUMBER: US 09/084,471
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: US 09/129,134
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: US 09/524,794
; PRIOR FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 260
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 150
; LENGTH: 21
```

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-923-327-150

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4798 TTGAAGAGACGAGAAATCG 4818
Db      21 TTAGAGAAATCAGAACTCAG 1

RESULT 907
US-09-896-692B-3
; Sequence 3, Application US/09896692B
; Publication No. US20030100521A1
; GENERAL INFORMATION:
; APPLICANT: Agrawal, Sudhir
; TITLE OF INVENTION: No. US20030100521A1el HIV-Specific Synthetic Oligonucleotides and
; FILE REFERENCE: 47508.556 (HYZ-069)
; CURRENT APPLICATION NUMBER: US/09/896,692B
; PRIOR FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: US 08/914,827
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA/RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic modified antisense oligonucleotide
US-09-896-692B-3

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 66.7%; Pred. No. 8.8e+02;
Matches 14; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY      263 CCCCCCTCTCTCTTCT 283
Db      1 CGCACCCATCTCTCTCUCU 21

RESULT 908
US-09-896-692B-4
; Sequence 4, Application US/09896692B
; Publication No. US20030100521A1
; GENERAL INFORMATION:
; APPLICANT: Agrawal, Sudhir
; TITLE OF INVENTION: No. US20030100521A1el HIV-Specific Synthetic Oligonucleotides and
; FILE REFERENCE: 47508.556 (HYZ-069)
; CURRENT APPLICATION NUMBER: US/09/896,692B
; PRIOR FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: US 08/914,827
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic modified antisense oligonucleotide
US-09-896-692B-4

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      263 CCCCCCTCTCTCTTCT 283
```

```
Db      1 CGCACCCATCTCTCTTCT 21

RESULT 909
US-09-963-827B-62/c
; Sequence 62, Application US/09963827B
; Publication No. US20030175703A1
; GENERAL INFORMATION:
; APPLICANT: Duke University
; APPLICANT: Rusconi, Christopher
; TITLE OF INVENTION: RNA APTAMERS AND METHODS FOR IDENTIFYING THE SAME
; FILE REFERENCE: 180/124/2
; CURRENT APPLICATION NUMBER: US/09/963,827B
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/235,654
; NUMBER OF SEQ ID NOS: 227
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 62
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: RNA aptamer
; NAME/KEY: misc_feature
; LOCATION: (1)..(21)
; OTHER INFORMATION: RNA aptamer
US-09-963-827B-62

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      270 CTCTCTCTCTCTCTCTCTC 290
Db      21 CCTCTCTCTCTCTCTCTCTCC 1

RESULT 910
US-09-754-106-19/c
; Sequence 19, Application US/09754106
; Publication No. US20030224355A1
; GENERAL INFORMATION:
; APPLICANT: Bell, Graeme I.
; APPLICANT: Yamagata, Kazuya
; APPLICANT: Oda, Naohisa
; APPLICANT: Kaisaki, Pamela J.
; APPLICANT: Furuta, Hiroto
; APPLICANT: Horikawa, Yukio
; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
; TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: US/09/754,106
; CLASSIFICATION:
```

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/927,219
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/028,056
FILING DATE: 02-OCT-1996
PRIOR APPLICATION DATA: 60/025,719
FILING DATE: 10-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: Wilson, Mark B.
REGISTRATION NUMBER: 37,259
REFERENCE/DOCKET NUMBER: ARCD:272
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEFAX: 512/474-7577
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-754-106-19

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 2221 GTCCCTTAACATCACTACACC 2241
DB 21 GTCCCATGTACACAGCTCAC 1

RESULT 911
US-09-837-306-111
Sequence 111, Application US/09837306
Publication No. US20040029113A1
GENERAL INFORMATION:
APPLICANT: LADNER, ROBERT C.
APPLICANT: COHEN, EDWARD H.
APPLICANT: NASTRI, HORACIO G.
APPLICANT: ROOKEY, KRISTIN L.
APPLICANT: HOET, RENE
TITLE OF INVENTION: NOVEL METHODS OF CONSTRUCTING LIBRARIES OF GENETIC
TITLE OF INVENTION: PACKAGES THAT COLLECTIVELY DISPLAY THE MEMBERS OF A
FILE REFERENCE: DYAX/002
CURRENT APPLICATION NUMBER: US/09/837,306
CURRENT FILING DATE: 2001-09-24
PRIOR APPLICATION NUMBER: 60/198,069
PRIOR FILING DATE: 2000-04-17
NUMBER OF SEQ ID NOS: 428
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 111
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-837-306-111

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1036 TTCCAGAGAGACATCTTAAG 1056
DB 1 TTGCACATGTACACAGCTTAAG 21

RESULT 912
US-09-941-398-3

Sequence 3, Application US/09941398
Publication No. US20040086494A1
GENERAL INFORMATION:
APPLICANT: John, Constance M.
TITLE OF INVENTION: IMMUNE PRIVILEGED CELLS FOR DELIVERY OF PROTEINS AND PEPTIDES
FILE REFERENCE: 3157.00006
CURRENT APPLICATION NUMBER: US/09/941,398
PRIOR FILING DATE: 2001-08-28
PRIOR APPLICATION NUMBER: 09/131,501
PRIOR FILING DATE: 1998-08-09
PRIOR APPLICATION NUMBER: 08/726,531
PRIOR FILING DATE: 1996-10-07
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn version 3.2
SEQ ID NO 3
LENGTH: 21
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
OTHER INFORMATION: primer
NAME/KEY: misc feature
LOCATION: (1)-(21)
OTHER INFORMATION: primer
US-09-941-398-3

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 4162 GCTCCTCTGCTGCGACGCTTCT 4182
DB 1 GCTCTTCAGCCTCTCTCTCT 21

RESULT 913
US-10-128-870-16/c
Sequence 16, Application US/10128870
Publication No. US20020168724A1
GENERAL INFORMATION:
APPLICANT: Blamar, Michael A.
APPLICANT: Dworetzky, Steven
APPLICANT: Grubkoff, Valentin K.
APPLICANT: Levesque, Paul C.
APPLICANT: Little, Wayne A.
APPLICANT: Neubaer, Michael G.
APPLICANT: Yang, Wen-Pin
TITLE OF INVENTION: KClO₄ POTASSIUM CHANNELS AND METHODS OF MODULATING SAME
FILE REFERENCE: DCS8ADIV
CURRENT APPLICATION NUMBER: US/10/128,870
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 09/105,058
PRIOR FILING DATE: June 26, 1998
PRIOR APPLICATION NUMBER: 60/055,599
PRIOR FILING DATE: August 12, 1997
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 16
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Reverse
OTHER INFORMATION: primer from EST sequence similar to the KvLOT gene
US-10-128-870-16

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2614 GCCCTGCTCTTGGCACATTTG 2634
DB 21 GCACGCTCTTGGCACATCTG 1

```

      FILING DATE: 23-FEB-1995
      APPLICATION NUMBER: MO FR36/00274
      FILING DATE: 21-FEB-1996

ATTORNEY/AGENT INFORMATION:
      NAME: Savitzky Esq., Martin F.
      REGISTRATION NUMBER: 29,699
      REFERENCE/DOCKET NUMBER: ST95013-US
TELECOMMUNICATION INFORMATION:
      TELEPHONE: (610) 454-3816
      TELEFAX: (610) 454-3808

      INFORMATION FOR SEQ ID NO: 19:
      SEQUENCE CHARACTERISTICS:
        LENGTH: 21 base pairs
        TYPE: nucleic acid
        STRANDEDNESS: double
        TOPOLOGY: linear
      MOLECULE TYPE: other nucleic acid
      DESCRIPTION: /desc = "Oligonucleotide"
      SEQUENCE DESCRIPTION: SEQ ID NO: 19:
      US-10-252-384-19

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Prd. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2800  AGGAGGAGGAAATGAGAAG 2820
      | ||| ||| ||| |||
Db      21  AAGAGAGAGAGAGAAGAAG 1

```

```

RESULT 916
US-10-195-781A-10
; Sequence 10, Application US//10195781A
; Publication No. US20030106088A1
; GENERAL INFORMATION:
; APPLICANT: Abdiite, Shane
; APPLICANT: Li, Chun Ping
; APPLICANT: Niu, Xiaomu
; TITLE OF INVENTION: Vascular Tissue-Preferred Promoters
; FILE REFERENCE: 1309
; CURRENT APPLICATION NUMBER: US/10/195,781A
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/305362
; PRIOR FILING DATE: 2001-07-13
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial sequence
US-10-195-781A-10

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4751 ATGCGTAGGCTGAGACGAGG 4771
      ||| ||||| ||||| |||||
Db       1 ATGCCATGGCTGAGAGGAGG 21

RESULT 917
US-10-005-956-468/C
; Sequence 468, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03

```

```
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 744
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-744

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      266 CCCCCTCTCTCTCTCTCTC 286
Db      21 CCCCCTCTCTCTCTCTCTTC 1

RESULT 918
US-10-005-956-743
; Sequence 743, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 743
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-743

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2365 AGCTGCTCACAGAGAGG 2385
Db      1 AGATCCAGACAGAGAGGG 21

RESULT 919
US-10-005-956-744
; Sequence 744, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
```

```
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 749
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-749

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2365 AGCTGCTCACAGAGAGG 2385
Db      1 AGATCCAGACAGAGAGGG 21

RESULT 920
US-10-005-956-749
; Sequence 749, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 749
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-749

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2365 AGCTGCTCACAGAGAGG 2385
Db      1 AGATCCAGACAGAGAGGG 21

RESULT 921
US-10-005-956-750
; Sequence 750, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 750
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-750
```


Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2365 AGCTGCTCAGACAGAGAGG 2385
DB 1 AGATCCAGACAGACAGAGG 21

RESULT 922
US-10-255-434-25/c
; Sequence 25, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Williams, Brett F.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; FEATURE:
; OTHER INFORMATION: Oligomer Sequence
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
US-10-255-434-25

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4999 TGCTCTCCAGCTGCTGCCA 5019
DB 21 TGCACTCCAGCTGCGGACA 1

RESULT 923
US-10-020-478-4
; Sequence 4, Application US/10020478
; Publication No. US20030144224A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF B-CELL ASSOCIATED PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0303
; CURRENT APPLICATION NUMBER: US/10/020,478
; CURRENT FILING DATE: 2001-12-13
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-020-478-4

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 523 GCTGGAACATGCGACATCA 543
DB 1 GCAAGAACCTCGCTACATCA 21

RESULT 924

US-10-184-085A-15/c
; Sequence 15, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-15

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4579 GTGAGTTCGAGGCGTGAAG 4599
DB 21 GTGAGTTAGAGGCGTGGAG 1

RESULT 925
US-10-218-969-80/c
; Sequence 80, Application US/10218969
; Publication No. US20030155916A1
; GENERAL INFORMATION:
; APPLICANT: Sealton, Stuart
; APPLICANT: Yuen, Tony
; APPLICANT: Wurmbach, Elisa
; TITLE OF INVENTION: Use of Intrinsic Reporters of Cell Signaling For High Content Dr
; FILE REFERENCE: 2459-1-007N
; CURRENT APPLICATION NUMBER: US/10/218,969
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: US 60/312,220
; PRIOR FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: US 60/324,895
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 80
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-218-969-80

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2820 GGAAGTGAAGGAGGAGCTGGTG 2840
DB 21 GGAAGTGAAGTGAATCTGGTG 1

RESULT 926
US-10-308-485-14
; Sequence 14, Application US/10308485
; Publication No. US20030170683A1
; GENERAL INFORMATION:

```

; APPLICANT: Leder, Philip
; APPLICANT: Leader, Benjamin
; TITLE OF INVENTION: FORMIN-2 NUCLEIC ACIDS AND POLYPEPTIDES
; FILE REFERENCE: 00383/052002
; CURRENT APPLICATION NUMBER: US/10/308,485
; CURRENT FILING DATE: 2002-12-03
; PRIOR APPLICATION NUMBER: US/09/835,232
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: US 60/196,811
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Mus musculus
US-10-308-485-14

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      114 GTCTCCAGAGCCGCTATTCC 134
DB      1 GTCTGCAGAGGCTGTCAATCC 21

RESULT 927
US-10-369-378-44
; Sequence 44; Application US/10369378
; Publication No. US20030170859A1
; GENERAL INFORMATION:
; APPLICANT: Christenson, Erik
; APPLICANT: Demaggio, Anthony J
; APPLICANT: Goldman, Phyllis S
; APPLICANT: McElligott, David L
; TITLE OF INVENTION: Human Poly(ADP-Ribose) Polymerase 2 Materials and
; FILE REFERENCE: 27866/36544
; CURRENT APPLICATION NUMBER: US/10/369,378
; CURRENT FILING DATE: 2003-02-19
; PRIOR APPLICATION NUMBER: US/09/596,248D
; PRIOR FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: 60/139,543
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-369-378-44

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2892 GAGTACTGCTAGACCGAC 2912
DB      1 GAGCACCCCTGAGCAGCAC 21

RESULT 928
US-10-275-071-26/c
; Sequence 26; Application US/10275071
; Publication No. US20030186268A1
; GENERAL INFORMATION:
; APPLICANT: Crouzet, Joel
```

```

; APPLICANT: Scherman, Daniel
; APPLICANT: Wils, Pierre
; APPLICANT: Cameron, Beatrice
; APPLICANT: Blanche, Francis
; TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION WITH AN
; FILE REFERENCE: 08888.0138-02
; CURRENT APPLICATION NUMBER: US/10/275,071
; CURRENT FILING DATE: 2003-04-07
; PRIOR APPLICATION NUMBER: 09/580,923
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 08/860,038
; PRIOR FILING DATE: 1997-06-09
; PRIOR APPLICATION NUMBER: PCT/FR95/01468
; PRIOR FILING DATE: 1995-11-08
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 26
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-10-275-071-26

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2800 AGGAGAGAAATGAAGAG 2820
DB      21 AGAGAGAGAGAGAGAGAG 1

RESULT 929
US-10-275-071-36
; Sequence 36; Application US/10275071
; Publication No. US20030186268A1
; GENERAL INFORMATION:
; APPLICANT: Crouzet, Joel
; APPLICANT: Scherman, Daniel
; APPLICANT: Wils, Pierre
; APPLICANT: Cameron, Beatrice
; APPLICANT: Blanche, Francis
; TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION WITH AN
; FILE REFERENCE: 08888.0138-02
; CURRENT APPLICATION NUMBER: US/10/275,071
; CURRENT FILING DATE: 2003-04-07
; PRIOR APPLICATION NUMBER: 09/580,923
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 08/860,038
; PRIOR FILING DATE: 1997-06-09
; PRIOR APPLICATION NUMBER: PCT/FR95/01468
; PRIOR FILING DATE: 1995-11-08
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 36
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-10-275-071-36

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2802 GAGGAGAAATGAAGAGGA 2822
DB      21 GAGGAGAAATGAAGAGGA 21
```

Db 1 GAAGAGAGAGAGAGAGAA 21

RESULT 930

US-10-430-442-54

Sequence 54, Application US/10430442

Publication No. US20030186391A1

GENERAL INFORMATION:

APPLICANT: HERVE PERRON

FREDERIC BESEME

FREDERIC BEDIN

GLAUCIA PARANHOS-BACCALA

FLORENCE KOMURIAN-PRADEL

COLETTE JOLIVET

BERNARD MANDRAND

TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS

ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYL

NUMBER OF SEQUENCES: 92

CORRESPONDENCE ADDRESSES:

ADDRESSEE: OLIFF & BERRIDGE

STREET: 700 South Washington Street, Suite 300

CITY: Alexandria

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22314

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/430,442

FILING DATE: 07-May-2003

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/691,563

FILING DATE: 02-AUG-1996

ATTORNEY/AGENT INFORMATION:

NAME: Berridge, William P.

REGISTRATION NUMBER: 30,024

REFERENCE/DOCKET NUMBER: WPB 38588

TELEPHONE: 703-836-6400

TELEFAX: 703-836-2787

INFORMATION FOR SEQ ID NO: 54:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleotide

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

SEQUENCE DESCRIPTION: SEQ ID NO: 54:

US-10-430-442-54

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 8.8e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Db 1 CCGAGTTCTTGCCTAAGCC 21

3581 CCGAGTTCTTGCCTAAGCC 3601

US-10-091-281-295

Sequence 295, Application US/10091281

Publication No. US20030190617A1

GENERAL INFORMATION:

APPLICANT: RAYMOND, VINCENT

APPLICANT: ST. ERWIN

APPLICANT: MORISSETTE, JEAN

TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF

FILE REFERENCE: 13587.338

CURRENT APPLICATION NUMBER: US/10/091,281

CURRENT FILING DATE: 2002-03-06

NUMBER OF SEQ ID NOS: 463

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 295

LENGTH: 21

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: Putative MINI/MUSCLE_INT.03 motif

US-10-091-281-295

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 8.8e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Db 1 GGCACCCGCCACCCGACGCC 21

3905 GACCCGCCGCCACCCGACGCC 3925

US-10-091-281-296/c

Sequence 296, Application US/10091281

Publication No. US20030190617A1

GENERAL INFORMATION:

APPLICANT: RAYMOND, VINCENT

APPLICANT: ST. ERWIN

APPLICANT: MORISSETTE, JEAN

TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF

FILE REFERENCE: 13587.338

CURRENT APPLICATION NUMBER: US/10/091,281

CURRENT FILING DATE: 2002-03-06

NUMBER OF SEQ ID NOS: 463

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 296

LENGTH: 21

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: Putative REBV/EBV.01 motif

US-10-091-281-296

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 8.8e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Db 21 GGCACCCGCCACCCGACGCC 1

3905 GACCCGCCGCCACCCGACGCC 3925

US-10-114-104-50

Sequence 50, Application US/10114104

Publication No. US20030198647A1

GENERAL INFORMATION:

APPLICANT: PERRON, HERVE

BESME, FREDERIC

BEDIN, FREDERIC

PARANHOS-BACCALA, GLAUCIA

KOMURIAN-PRADEL, FLORENCE

JOLIVET-REYNAUD, COLETTE

MANDRAND, BERNARD

GARSON, JEREMY

TUKE, PHILIP

TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS

ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYL

NUMBER OF SEQUENCES: 210

CORRESPONDENCE ADDRESSES:

ADDRESSEE: OLIFF & BERRIDGE, PLC

STREET: P.O. BOX 19928

CITY: ALEXANDRIA
STATE: VA
COUNTRY: USA
ZIP: 22320
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/114,104
FILING DATE: 03-Apr-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/979,847
FILING DATE: 26-NOV-1997
ATTORNEY/AGENT INFORMATION:
NAME: BERRIDGE, WILLIAM P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 39046A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleotide
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 50:
US-10-114-104-50
Query Match
Best Local Similarity 0.3%; Score 14.6; DB 1; Length 21;
Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 3581 CCTGAGTCTCTCCCTAGCC 3601
DB 1 CCTGAGTCTTGACATACCC 21
RESULT 934
US-10-260-516-26
Sequence 26, Application US/10260516
Publication No. US20030199093A1
GENERAL INFORMATION:
APPLICANT: FINER, MITCHELL H.
DULL, THOMAS J.
ZSEBO, KRISTINA M.
COOKE, KEEGAN
PARSON, DEBORAH A.
TITLE OF INVENTION: METHOD FOR PRODUCTION OF HIGH TITER
OF MAMMALIAN CELLS
VIRUS AND HIGH EFFICIENCY RETROVIRAL MEDIATED TRANSDUCTION
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: CELL GENESYS, INC.
STREET: 322 LAKE SIDE DRIVE
CITY: FOSTER CITY
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/260,516
FILING DATE: 01-Oct-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/914,893
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/517,488
FILING DATE: 21-AUG-1995
APPLICATION NUMBER: US 08/258,152
FILING DATE: 10-JUN-1994
APPLICATION NUMBER: US 08/076,299
FILING DATE: 11-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: KRUPEN, KAREN I.
REGISTRATION NUMBER: 34,647
REFERENCE/DOCKET NUMBER: CELL 13.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-358-9600 X131
TELEFAX: 415-349-7392
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 26:
US-10-260-516-26
Query Match
Best Local Similarity 0.3%; Score 14.6; DB 1; Length 21;
Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 264 CCCCCCTCTCTCTTCTC 284
DB 1 CCACCCCTCACTCTGTTCTC 21
RESULT 935
US-10-290-461-14
Sequence 14, Application US/10290461
Publication No. US20030203667A1
GENERAL INFORMATION:
APPLICANT: Greendberg (deceased), Arnold H.
APPLICANT: Geiger, Jonathan D.
APPLICANT: Kirschenbaum, Lorrie A.
TITLE OF INVENTION: NIP3 Family of Proteins
FILE REFERENCE: 9157-39
CURRENT APPLICATION NUMBER: US/10/290,461
CURRENT FILING DATE: 2002-11-08
PRIOR APPLICATION NUMBER: US 60/215,643
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 60/219,554
PRIOR FILING DATE: 2000-07-20
PRIOR APPLICATION NUMBER: PCT/US01/21043
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: US 60/348,135
PRIOR FILING DATE: 2001-11-09
PRIOR APPLICATION NUMBER: US 60/344,196
PRIOR FILING DATE: 2001-12-28
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patent version 3.1
SEQ ID NO 14
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense oligonucleotide
US-10-290-461-14
Query Match
Best Local Similarity 0.3%; Score 14.6; DB 1; Length 21;
Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 1694 CTCGAGCAGCCGAGCCCGCA 1714
DB 1 CGCAAGAGAGCCGAGCCCGCA 21

RESULT 936
US-10-316-194-104/c
; Sequence 104, Application US/10316194
; Publication No. US20030215914A1
; GENERAL INFORMATION:
; APPLICANT: Houtzager, Erwin
; APPLICANT: Vijn, Irma M.C.
; APPLICANT: Sijmons, Peter C.
; TITLE OF INVENTION: A structure for presenting desired peptide sequences
; FILE REFERENCE: 2183-5610US
; CURRENT APPLICATION NUMBER: US/10/316,194
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: US 10/016,516
; PRIOR FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 104
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer P-9
; NAME/KEY: misc feature
; LOCATION: (1)..(21)
US-10-316-194-104

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2061 CTGGGGAACAGGAGCCGTG 2081
DB 21 CTGGGGAACAGGAGCCGTG 1

RESULT 937
US-10-418-182-105/c
; Sequence 105, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-105

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 38.1%; Pred. No. 8.8e+02;
Matches 8; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

QY 4416 AATAATAATTAATAATAAT 4436
DB 21 ARWARYAMKGTARMAAYAMY 1

RESULT 938
US-10-418-182-329/c
; Sequence 329, Application US/10418182
; Publication No. US20030228302A1

; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 329
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-329

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 38.1%; Pred. No. 8.8e+02;
Matches 8; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

QY 4416 AATAATAATTAATAATAAT 4436
DB 21 ARWARYAMKGTARMAAYAMY 1

RESULT 939
US-10-388-263-203/c
; Sequence 203, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Pfeifer, Susan M.
; APPLICANT: Sasnor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Onasht, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: 151S-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 203
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-388-263-203

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 380 AAGCTGTGTCAGCAGCCGAG 400
DB 21 AAGCTGTGATGATCAGAGAG 1

RESULT 940
US-10-377-315-42
; Sequence 42, Application US/10377315
; Publication No. US20030229041A1
; GENERAL INFORMATION:
; APPLICANT: Sutherland, May S. Kung

```

; APPLICANT: Geoghegan, James Charles
; APPLICANT: Yu, Changpu
; APPLICANT: Latham, John
; APPLICANT: Caltech R&D, Inc.
; TITLE OF INVENTION: Methods to Increase or Decrease Bone Density
; FILE REFERENCE: 1427.005US1
; CURRENT APPLICATION NUMBER: US/10/377,315
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/361,258
; PRIOR FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: US 60/406,171
; PRIOR FILING DATE: 2002-08-27
; PRIOR APPLICATION NUMBER: US Ser. No. US20030229041A1 Unknown
; PRIOR FILING DATE: 2003-02-13
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 42
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-377-315-42

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2419 AATACGCTTGCCCACTT 2439
DB      1 AATACATCCGCCCACTT 21

RESULT 941
US-10-349-143-3962/c
; Sequence 3962, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 3962
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-12531 for SEQ 28,
US-10-349-143-3962

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2465 CAAATAGCCTACCAAGCA 2485
DB      21 CAAATCAGCTCCCAAGCA 1

RESULT 942
US-10-349-143-8477/c
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; Sequence 8477, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8477
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-15748 for SEQ 612, in complem
US-10-349-143-8477

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      47 CCACTTCTCTGCGCCACCAT 67
DB      21 CCACTTCTCTTCCCACTTAT 1

RESULT 943
US-10-349-143-10799
; Sequence 10799, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10799
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-19901 for SEQ 2934, in complem
US-10-349-143-10799

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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Oy 4460 CATGATGTCAGTGTGTG 4480
Db 1 CAGGATGTCACACTCTGTG 21

RESULT 944
US-10-236-392-436/c
Sequence 436, Application US/10236392
Publication No. US20040067490A1
GENERAL INFORMATION:
APPLICANT: Anderson, David W
APPLICANT: Boldog, Ferenc L
APPLICANT: Burgess, Catherine, E
APPLICANT: Caeman, Stacie J
APPLICANT: Catterton, Elna
APPLICANT: Chapoval, Andrei
APPLICANT: Crabtree, Julie
APPLICANT: Edinger, Shlomit, R
APPLICANT: Ellerman, Karen
APPLICANT: Gerlach, Valerie
APPLICANT: Gorman, Linda
APPLICANT: Grosse, William M
APPLICANT: Gusev, Vladimir
APPLICANT: Kekuda, Ramesh
APPLICANT: LaRoche, William J
APPLICANT: Li, Li
APPLICANT: MacDougall, John R
APPLICANT: Malyankar, Uriel M
APPLICANT: Miller, Charles E
APPLICANT: Miller, Isabelle
APPLICANT: Padigar, Muralidhara
APPLICANT: Patturajan, Meera
APPLICANT: Pena, Carol A
APPLICANT: Peyman, John A
APPLICANT: Rastelli, Luca
APPLICANT: Reiser, Daniel K
APPLICANT: Rothenberg, Mark E
APPLICANT: Shenoy, Suresh
APPLICANT: Shinkels, Richard A
APPLICANT: Smithson, Glenda
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-442A
CURRENT APPLICATION NUMBER: US/10/236,392
CURRENT FILING DATE: 2002-09-06
PRIOR APPLICATION NUMBER: US09/540,763
PRIOR FILING DATE: 2000-03-30
PRIOR APPLICATION NUMBER: US60/390,155
PRIOR FILING DATE: 2002-06-19
PRIOR APPLICATION NUMBER: US09/635,949
PRIOR FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: US60/318,765
PRIOR FILING DATE: 2001-09-12
PRIOR APPLICATION NUMBER: US60/357,303
PRIOR FILING DATE: 2002-02-15
PRIOR APPLICATION NUMBER: US60/367,753
PRIOR FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER: US60/369,479
PRIOR FILING DATE: 2002-04-02
PRIOR APPLICATION NUMBER: US09/659,634
PRIOR FILING DATE: 2000-09-12
PRIOR APPLICATION NUMBER: US60/318,120
PRIOR FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: US60/318,130
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 794
SOFTWARE: Custom
SEQ ID NO 436
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: probe

US-10-236-392-436
Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Oy 4032 CCGAGGAGGGGCCACGAGG 4052
Db 21 CAGGAGATGATCCACCGAGG 1
RESULT 945
US-10-236-392-490/c
Sequence 490, Application US/10236392
Publication No. US20040067490A1
GENERAL INFORMATION:
APPLICANT: Anderson, David W
APPLICANT: Boldog, Ferenc L
APPLICANT: Burgess, Catherine, E
APPLICANT: Caeman, Stacie J
APPLICANT: Catterton, Elna
APPLICANT: Chapoval, Andrei
APPLICANT: Crabtree, Julie
APPLICANT: Edinger, Shlomit, R
APPLICANT: Ellerman, Karen
APPLICANT: Gerlach, Valerie
APPLICANT: Gorman, Linda
APPLICANT: Grosse, William M
APPLICANT: Gusev, Vladimir
APPLICANT: Kekuda, Ramesh
APPLICANT: LaRoche, William J
APPLICANT: Li, Li
APPLICANT: MacDougall, John R
APPLICANT: Malyankar, Uriel M
APPLICANT: Miller, Charles E
APPLICANT: Miller, Isabelle
APPLICANT: Padigar, Muralidhara
APPLICANT: Patturajan, Meera
APPLICANT: Pena, Carol A
APPLICANT: Peyman, John A
APPLICANT: Rastelli, Luca
APPLICANT: Reiser, Daniel K
APPLICANT: Rothenberg, Mark E
APPLICANT: Shenoy, Suresh
APPLICANT: Shinkels, Richard A
APPLICANT: Smithson, Glenda
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-442A
CURRENT APPLICATION NUMBER: US/10/236,392
CURRENT FILING DATE: 2002-09-06
PRIOR APPLICATION NUMBER: US09/540,763
PRIOR FILING DATE: 2000-03-30
PRIOR APPLICATION NUMBER: US60/390,155
PRIOR FILING DATE: 2002-06-19
PRIOR APPLICATION NUMBER: US09/635,949
PRIOR FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: US60/318,765
PRIOR FILING DATE: 2001-09-12
PRIOR APPLICATION NUMBER: US60/357,303
PRIOR FILING DATE: 2002-02-15
PRIOR APPLICATION NUMBER: US60/367,753
PRIOR FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER: US60/369,479
PRIOR FILING DATE: 2002-04-02
PRIOR APPLICATION NUMBER: US09/659,634
PRIOR FILING DATE: 2000-09-12
PRIOR APPLICATION NUMBER: US60/318,120
PRIOR FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: US60/318,130
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 794
SOFTWARE: Custom

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; SEQ ID NO 490
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-490

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4032 CCGAGAGAGGGGCCACGAGG 4052
Db      21 CAGGAGATGATCCACGAGG 1

RESULT 946
US-10-236-392-514/C
; Sequence 514, Application US/10236392
; Publication No. US20040067490A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Burgess, Catherine, E
; APPLICANT: Casman, Stacie J
; APPLICANT: Carterton, Elina
; APPLICANT: Chapoval, Andrei
; APPLICANT: Crabtree, Julie
; APPLICANT: Edinger, Shlomit, R
; APPLICANT: Ellerman, Karen
; APPLICANT: Gerlach, Valerie
; APPLICANT: Gorman, Linda
; APPLICANT: Grose, William M
; APPLICANT: Gusev, Vladamir
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Larochele, William J
; APPLICANT: Li, Li
; APPLICANT: MacDougall, John R
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Miller, Charles E
; APPLICANT: Miller, Isabelle
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Patturajan, Meera
; APPLICANT: Pena, Carol A
; APPLICANT: Peyman, John A
; APPLICANT: Rastelli, Luca
; APPLICANT: Reiger, Daniel K
; APPLICANT: Rothenberg, Mark E
; APPLICANT: Shenoy, Suresh
; APPLICANT: Shinkets, Richard A
; APPLICANT: Smlthson, Glenda
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442A
; CURRENT APPLICATION NUMBER: US/10/236,392
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US09/540,763
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: US60/390,155
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US09/635,949
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: US60/318,765
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US60/357,303
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US60/367,753
; PRIOR FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US60/369,479
; PRIOR FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: US09/659,634
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US60/318,120
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; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/318,130
; PRIOR FILING DATE: 2001-09-07
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 794
; SOFTWARE: Custom
; SEQ ID NO 514
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-514

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4032 CCGAGAGAGGGGCCACGAGG 4052
Db      21 CAGGAGATGATCCACGAGG 1

RESULT 947
US-10-236-392-529/C
; Sequence 529, Application US/10236392
; Publication No. US20040067490A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Burgess, Catherine, E
; APPLICANT: Casman, Stacie J
; APPLICANT: Carterton, Elina
; APPLICANT: Chapoval, Andrei
; APPLICANT: Crabtree, Julie
; APPLICANT: Edinger, Shlomit, R
; APPLICANT: Ellerman, Karen
; APPLICANT: Gerlach, Valerie
; APPLICANT: Gorman, Linda
; APPLICANT: Grose, William M
; APPLICANT: Gusev, Vladamir
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Larochele, William J
; APPLICANT: Li, Li
; APPLICANT: MacDougall, John R
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Miller, Charles E
; APPLICANT: Miller, Isabelle
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Patturajan, Meera
; APPLICANT: Pena, Carol A
; APPLICANT: Peyman, John A
; APPLICANT: Rastelli, Luca
; APPLICANT: Reiger, Daniel K
; APPLICANT: Rothenberg, Mark E
; APPLICANT: Shenoy, Suresh
; APPLICANT: Shinkets, Richard A
; APPLICANT: Smlthson, Glenda
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442A
; CURRENT APPLICATION NUMBER: US/10/236,392
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US09/540,763
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: US60/390,155
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US09/635,949
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: US60/318,765
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US60/357,303
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US60/367,753
```


PRIOR FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER: US60/369,479
PRIOR FILING DATE: 2002-04-02
PRIOR APPLICATION NUMBER: US09/659,634
PRIOR FILING DATE: 2000-09-12
PRIOR APPLICATION NUMBER: US60/318,120
PRIOR FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: US60/318,130
PRIOR FILING DATE: 2001-09-07
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 794
SOFTWARE: Custom
SEQ ID NO 529
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-529

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4032 CCGAGAGGGGGCCACGAGG 4052
DB 21 CAGAGAGATGATCCACGAGG 1

RESULT 948
US-10-236-392-592/C
Sequence 592, Application US/10236392
Publication No. US20040067490A1
GENERAL INFORMATION:
APPLICANT: Anderson, David W
APPLICANT: Boldog, Ferenc L
APPLICANT: Burgess, Catherine, E
APPLICANT: Casman, Stacie J
APPLICANT: Catterton, Elina
APPLICANT: Chapoval, Andrei
APPLICANT: Crabtree, Julie
APPLICANT: Edinger, Shlomit, R
APPLICANT: Ellerman, Karen
APPLICANT: Gerlach, Valerie
APPLICANT: Gorman, Linda
APPLICANT: Grosse, William M
APPLICANT: Gusev, Vladimir
APPLICANT: Kekuda, Ramesh
APPLICANT: LaRochele, William J
APPLICANT: Li, Li
APPLICANT: MacDougall, John R
APPLICANT: Malynkar, Uriel M
APPLICANT: Miller, Charles E
APPLICANT: Miller, Isabelle
APPLICANT: Padigaru, Muralidhara
APPLICANT: Patturajan, Meera
APPLICANT: Pena, Carol A
APPLICANT: Peyman, John A
APPLICANT: Rastelli, Luca
APPLICANT: Reiger, Daniel K
APPLICANT: Rothenberg, Mark E
APPLICANT: Shenoy, Suresh
APPLICANT: Shmets, Richard A
APPLICANT: Smtson, Glenda
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-442A
CURRENT APPLICATION NUMBER: US/10/236,392
CURRENT FILING DATE: 2002-09-06
PRIOR APPLICATION NUMBER: US09/540,763
PRIOR FILING DATE: 2000-03-30
PRIOR APPLICATION NUMBER: US60/390,155
PRIOR FILING DATE: 2002-06-19
PRIOR APPLICATION NUMBER: US09/635,949

PRIOR FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: US60/318,765
PRIOR FILING DATE: 2001-09-12
PRIOR APPLICATION NUMBER: US60/357,303
PRIOR FILING DATE: 2002-02-15
PRIOR APPLICATION NUMBER: US60/367,753
PRIOR FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER: US60/369,479
PRIOR FILING DATE: 2002-04-02
PRIOR APPLICATION NUMBER: US09/659,634
PRIOR FILING DATE: 2000-09-12
PRIOR APPLICATION NUMBER: US60/318,120
PRIOR FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: US60/318,130
PRIOR FILING DATE: 2001-09-07
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 794
SOFTWARE: Custom
SEQ ID NO 592
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-592

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4032 CCGAGAGGGGGCCACGAGG 4052
DB 21 CAGAGAGATGATCCACGAGG 1

RESULT 949
US-10-236-392-652/C
Sequence 652, Application US/10236392
Publication No. US20040067490A1
GENERAL INFORMATION:
APPLICANT: Anderson, David W
APPLICANT: Boldog, Ferenc L
APPLICANT: Burgess, Catherine, E
APPLICANT: Casman, Stacie J
APPLICANT: Catterton, Elina
APPLICANT: Chapoval, Andrei
APPLICANT: Crabtree, Julie
APPLICANT: Edinger, Shlomit, R
APPLICANT: Ellerman, Karen
APPLICANT: Gerlach, Valerie
APPLICANT: Gorman, Linda
APPLICANT: Grosse, William M
APPLICANT: Gusev, Vladimir
APPLICANT: Kekuda, Ramesh
APPLICANT: LaRochele, William J
APPLICANT: Li, Li
APPLICANT: MacDougall, John R
APPLICANT: Malynkar, Uriel M
APPLICANT: Miller, Charles E
APPLICANT: Miller, Isabelle
APPLICANT: Padigaru, Muralidhara
APPLICANT: Patturajan, Meera
APPLICANT: Pena, Carol A
APPLICANT: Peyman, John A
APPLICANT: Rastelli, Luca
APPLICANT: Reiger, Daniel K
APPLICANT: Rothenberg, Mark E
APPLICANT: Shenoy, Suresh
APPLICANT: Shmets, Richard A
APPLICANT: Smtson, Glenda
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-442A
CURRENT APPLICATION NUMBER: US/10/236,392

```

; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US09/540,763
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: US60/390,155
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US09/635,949
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: US60/318,765
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US60/357,303
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US60/367,753
; PRIOR FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US60/369,479
; PRIOR FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: US09/659,634
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/318,130
; PRIOR FILING DATE: 2001-09-07
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 794
; SOFTWARE: Custom
; SEQ ID NO 652
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-652
```

```

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

QY      4032 CCGAGAGGAGGGCCACCAGG 4052
DB      21 CAGGAGGATGATCCACCGAG 1
```

```

RESULT 950
; US-10-236-392-700/c
; Publication No. US20040067490A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Burgess, Catherine, E
; APPLICANT: Casman, Stacie J
; APPLICANT: Catterton, Elina
; APPLICANT: Chapoval, Andrei
; APPLICANT: Crabtree, Julie
; APPLICANT: Edinger, Shlomil, R
; APPLICANT: Ellerman, Karen
; APPLICANT: Gerlach, Valerie
; APPLICANT: Gorman, Linda
; APPLICANT: Grosse, William M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Larochele, William J
; APPLICANT: Li, Li
; APPLICANT: Macdougall, John R
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Miller, Charles E
; APPLICANT: Miller, Isabelle
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Paturajan, Meera
; APPLICANT: Pena, Carol A
; APPLICANT: Peyman, John A
; APPLICANT: Rastelli, Luca
; APPLICANT: Reiger, Daniel K
; APPLICANT: Rothenberg, Mark E
```

```

; APPLICANT: Shenoy, Suresh
; APPLICANT: Shinkets, Richard A
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442A
; CURRENT APPLICATION NUMBER: US/10/236,392
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US09/540,763
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: US60/390,155
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US09/635,949
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: US60/318,765
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US60/357,303
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US60/367,753
; PRIOR FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US60/369,479
; PRIOR FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: US09/659,634
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/318,130
; PRIOR FILING DATE: 2001-09-07
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 794
; SOFTWARE: Custom
; SEQ ID NO 700
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-700
```

```

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

QY      4032 CCGAGAGGAGGGCCACCAGG 4052
DB      21 CAGGAGGATGATCCACCGAG 1
```

```

RESULT 951
; US-10-236-392-727/c
; Publication No. US20040067490A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Burgess, Catherine, E
; APPLICANT: Casman, Stacie J
; APPLICANT: Catterton, Elina
; APPLICANT: Chapoval, Andrei
; APPLICANT: Crabtree, Julie
; APPLICANT: Edinger, Shlomil, R
; APPLICANT: Ellerman, Karen
; APPLICANT: Gerlach, Valerie
; APPLICANT: Gorman, Linda
; APPLICANT: Grosse, William M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Larochele, William J
; APPLICANT: Li, Li
; APPLICANT: Macdougall, John R
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Miller, Charles E
; APPLICANT: Miller, Isabelle
; APPLICANT: Padigar, Muralidhara
```

```

: APPLICANT: Paturajan, Meera
: APPLICANT: Pena, Carol A
: APPLICANT: Peyman, John A
: APPLICANT: Rastelli, Luca
: APPLICANT: Reiger, Daniel K
: APPLICANT: Rothenberg, Mark E
: APPLICANT: Shenoy, Suresh
: APPLICANT: Shinkets, Richard A
: APPLICANT: Smithson, Glenda
: TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
: FILE REFERENCE: 21402-442A
: CURRENT APPLICATION NUMBER: US/10/236,392
: CURRENT FILING DATE: 2002-09-06
: PRIOR APPLICATION NUMBER: US09/540,763
: PRIOR FILING DATE: 2000-03-30
: PRIOR APPLICATION NUMBER: US60/390,155
: PRIOR FILING DATE: 2002-06-19
: PRIOR APPLICATION NUMBER: US09/635,949
: PRIOR FILING DATE: 2000-08-10
: PRIOR APPLICATION NUMBER: US60/318,765
: PRIOR FILING DATE: 2001-09-12
: PRIOR APPLICATION NUMBER: US60/357,303
: PRIOR FILING DATE: 2002-02-15
: PRIOR APPLICATION NUMBER: US60/367,753
: PRIOR FILING DATE: 2002-03-25
: PRIOR APPLICATION NUMBER: US60/369,479
: PRIOR FILING DATE: 2002-04-02
: PRIOR APPLICATION NUMBER: US09/659,634
: PRIOR FILING DATE: 2000-09-12
: PRIOR APPLICATION NUMBER: US60/318,120
: PRIOR FILING DATE: 2001-09-07
: PRIOR APPLICATION NUMBER: US60/318,130
: PRIOR FILING DATE: 2001-09-07
: Remaining Prior Application data removed - See File Wrapper or PALM.
: NUMBER OF SEQ ID NOS: 794
: SOFTWARE: Custom
: SEQ ID NO 727
: LENGTH: 21
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURES:
: OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-727

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4032 CCGAGAGGGGGCCACCAGGG 4052
Db      21 CAGGAGATGACCCACGAGG 1

RESULT 952
US-10-236-392-757/c
: Sequence 757, Application US/10236392
: Publication No. US20040067490A1
: GENERAL INFORMATION:
: APPLICANT: Anderson, David W
: APPLICANT: Boldog, Ferenc L
: APPLICANT: Burgess, Catherine, E
: APPLICANT: Caeman, Stacie J
: APPLICANT: Chapoval, Elena
: APPLICANT: Crabtree, Julie
: APPLICANT: Edinger, Shlomif, R
: APPLICANT: Ellerman, Karen
: APPLICANT: Gerlach, Valerie
: APPLICANT: Gorman, Linda
: APPLICANT: Grosse, William M
: APPLICANT: Gusev, Vladamir
: APPLICANT: Kekuda, Ramesh
: APPLICANT: Larochele, William J
```

```

: APPLICANT: Li, Li
: APPLICANT: Macdougall, John R
: APPLICANT: Malyankar, Uriel M
: APPLICANT: Miller, Charles E
: APPLICANT: Millec, Isabelle
: APPLICANT: Padigaru, Muralidhara
: APPLICANT: Paturajan, Meera
: APPLICANT: Pena, Carol A
: APPLICANT: Peyman, John A
: APPLICANT: Rastelli, Luca
: APPLICANT: Reiger, Daniel K
: APPLICANT: Rothenberg, Mark E
: APPLICANT: Shenoy, Suresh
: APPLICANT: Shinkets, Richard A
: APPLICANT: Smithson, Glenda
: TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
: FILE REFERENCE: 21402-442A
: CURRENT APPLICATION NUMBER: US/10/236,392
: CURRENT FILING DATE: 2002-09-06
: PRIOR APPLICATION NUMBER: US09/540,763
: PRIOR FILING DATE: 2000-03-30
: PRIOR APPLICATION NUMBER: US60/390,155
: PRIOR FILING DATE: 2002-06-19
: PRIOR APPLICATION NUMBER: US09/635,949
: PRIOR FILING DATE: 2000-08-10
: PRIOR APPLICATION NUMBER: US60/318,765
: PRIOR FILING DATE: 2001-09-12
: PRIOR APPLICATION NUMBER: US60/357,303
: PRIOR FILING DATE: 2002-02-15
: PRIOR APPLICATION NUMBER: US60/367,753
: PRIOR FILING DATE: 2002-03-25
: PRIOR APPLICATION NUMBER: US60/369,479
: PRIOR FILING DATE: 2002-04-02
: PRIOR APPLICATION NUMBER: US09/659,634
: PRIOR FILING DATE: 2000-09-12
: PRIOR APPLICATION NUMBER: US60/318,120
: PRIOR FILING DATE: 2001-09-07
: PRIOR APPLICATION NUMBER: US60/318,130
: PRIOR FILING DATE: 2001-09-07
: Remaining Prior Application data removed - See File Wrapper or PALM.
: NUMBER OF SEQ ID NOS: 794
: SOFTWARE: Custom
: SEQ ID NO 757
: LENGTH: 21
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURES:
: OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-757

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4032 CCGAGAGGGGGCCACCAGGG 4052
Db      21 CAGGAGATGACCCACGAGG 1

RESULT 953
US-10-380-195A-3
: Sequence 3, Application US/10380195A
: Publication No. US20040072776A1
: GENERAL INFORMATION:
: APPLICANT: Gleave, Martin
: APPLICANT: Kiyama, Satoshi
: APPLICANT: Nelson, Colleen
: APPLICANT: Rennie, Paul
: TITLE OF INVENTION: Antisense Insulin-Like Growth Factor Binding Protein (IGFBP)-2
: TITLE OF INVENTION: Oligodeoxynucleotides for Prostate and Endocrine Tumor Therapy
: FILE REFERENCE: UBC-P-023
: CURRENT APPLICATION NUMBER: US/10/380,195A
: CURRENT FILING DATE: 2003-03-12
```

;; PRIOR APPLICATION NUMBER: PCT/US01/28748
;; PRIOR FILING DATE: 2001-09-13
;; PRIOR APPLICATION NUMBER: US 60/232,641
;; PRIOR FILING DATE: 2000-09-14
;; NUMBER OF SEQ ID NOS: 63
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 3
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: IGFBP2 antisense
US-10-380-195A-3

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 4009 TCCCGCATCAGCGCAGCACC 4029
Db 1 TCCCGAAGACAGCGCCAGCTCC 21

RESULT 954
US-10-380-195A-28
;; Sequence 28, Application US/10380195A
;; Publication No. US20040072776A1
;; GENERAL INFORMATION:
;; APPLICANT: Kiyama, Martin
;; APPLICANT: Kiyama, Satoshi
;; APPLICANT: Nelson, Colleen
;; APPLICANT: Remite, Paul
;; TITLE OF INVENTION: Antisense Insulin-Like Growth Factor Binding Protein (IGFBP)-2
;; FILE REFERENCE: UBC-P-023
;; CURRENT APPLICATION NUMBER: US/10/380,195A
;; PRIOR FILING DATE: 2003-03-12
;; PRIOR APPLICATION NUMBER: PCT/US01/28748
;; PRIOR FILING DATE: 2001-09-13
;; PRIOR APPLICATION NUMBER: US 60/232,641
;; PRIOR FILING DATE: 2000-09-14
;; NUMBER OF SEQ ID NOS: 63
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 28
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: IGFBP2 antisense
US-10-380-195A-28

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4008 CTCGCGATCAGCGCAGCACC 4028
Db 1 CTCGCGAAGACAGCGCCAGCTCC 21

RESULT 955
US-10-380-195A-47
;; Sequence 47, Application US/10380195A
;; Publication No. US20040072776A1
;; GENERAL INFORMATION:
;; APPLICANT: Gleave, Martin
;; APPLICANT: Kiyama, Satoshi
;; APPLICANT: Nelson, Colleen
;; APPLICANT: Remite, Paul
;; TITLE OF INVENTION: Antisense Insulin-Like Growth Factor Binding Protein (IGFBP)-2
;; FILE REFERENCE: UBC-P-023
;; CURRENT APPLICATION NUMBER: US/10/380,195A

;; CURRENT FILING DATE: 2003-03-12
;; PRIOR APPLICATION NUMBER: PCT/US01/28748
;; PRIOR FILING DATE: 2001-09-13
;; PRIOR APPLICATION NUMBER: US 60/232,641
;; PRIOR FILING DATE: 2000-09-14
;; NUMBER OF SEQ ID NOS: 63
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 47
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: IGFBP2 antisense
US-10-380-195A-47

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 4009 TCCCGCATCAGCGCAGCACC 4029
Db 1 TCCCGAAGACAGCGCCAGCTCC 21

RESULT 956
US-10-383-864-61
;; Sequence 61, Application US/10383864
;; Publication No. US20040081976A1
;; GENERAL INFORMATION:
;; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
;; APPLICANT: SIDRANSKY, David
;; TITLE OF INVENTION: GENOMIC SCREEN FOR EPIGENETICALLY SILENCED TUMOR SUPPRESSOR GENES
;; FILE REFERENCE: JHU1860-1
;; CURRENT APPLICATION NUMBER: US/10/383,864
;; PRIOR FILING DATE: 2003-07-25
;; PRIOR APPLICATION NUMBER: US 60/362,577
;; PRIOR FILING DATE: 2002-03-07
;; NUMBER OF SEQ ID NOS: 127
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 61
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Artificial sequence
;; FEATURE:
;; OTHER INFORMATION: PCR primer
US-10-383-864-61

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1592 GGAAACAGAGAGAGAGAGAT 1612
Db 1 GGAAACCAAGCAGAGAGAGAT 21

RESULT 957
US-10-470-991-33/c
;; Sequence 33, Application US/10470991
;; Publication No. US20040091967A1
;; GENERAL INFORMATION:
;; APPLICANT: Bayer AG
;; TITLE OF INVENTION: REGULATION OF HUMAN HISTONE ACETYLTRANSFERASE
;; FILE REFERENCE: LIO284 Foreign Countries
;; CURRENT APPLICATION NUMBER: US/10/470,991
;; PRIOR FILING DATE: 2003-08-01
;; PRIOR APPLICATION NUMBER: US 60/265,891
;; PRIOR FILING DATE: 2001-02-05
;; PRIOR APPLICATION NUMBER: US 60/331,473
;; PRIOR FILING DATE: 2001-11-16
;; PRIOR APPLICATION NUMBER: US 60/334,928
;; PRIOR FILING DATE: 2001-12-04
;; NUMBER OF SEQ ID NOS: 33

```
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Reverse primer
US-10-470-991-33
```

```
Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      1180 TCATCCGAGCCCTCCCATCCC 1200
Db      21  TCATCAGTACCTTCATCCATCCC 1
```

```
RESULT 958
US-10-702-496-240/c
; Sequence 240, Application US/10702496
; Publication No. US20040121383A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
; FILE REFERENCE: AM101071
; CURRENT APPLICATION NUMBER: US/10/702,496
; PRIOR FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: 60/429,381
; PRIOR FILING DATE: 2002-11-27
; NUMBER OF SEQ ID NOS: 306
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 240
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-702-496-240
```

```
Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      2400 CTACACTTCGAGAGAGAA 2420
Db      21  CTACAGCTTGAGCAGAGAA 1
```

```
RESULT 959
US-10-702-496-303/c
; Sequence 303, Application US/10702496
; Publication No. US20040121383A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: Wu, Leeying
; TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
; FILE REFERENCE: AM101071
; CURRENT APPLICATION NUMBER: US/10/702,496
; PRIOR FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: 60/429,381
; PRIOR FILING DATE: 2002-11-27
; NUMBER OF SEQ ID NOS: 306
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 303
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-702-496-303
```

```
Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      2400 CTACACTTCGAGAGAGAA 2420
Db      21  CTACAGCTTGAGCAGAGAA 1
```

```
RESULT 960
US-10-800-161-19
; Sequence 19, Application US/10800161
; Publication No. US20040154051A1
; GENERAL INFORMATION:
; APPLICANT: Cade, Rebecca M
; APPLICANT: Dietrich, Robert A
; APPLICANT: Lawton, Kay Ann
; TITLE OF INVENTION: INDUCIBLE PROMOTERS
; FILE REFERENCE: A-31089CIP1
; CURRENT APPLICATION NUMBER: US/10/800,161
; PRIOR FILING DATE: 2004-03-12
; PRIOR APPLICATION NUMBER: 60/171,008
; PRIOR FILING DATE: 1999-12-15
; PRIOR APPLICATION NUMBER: 60/175,519
; PRIOR FILING DATE: 2000-01-11
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer 16R
US-10-800-161-19
```

```
Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      2802 GAAGGAGAAATGAGAGAGA 2822
Db      1  GAAGCGGAAAACATGAGAGA 21
```

```
RESULT 961
US-10-403-142-233
; Sequence 233, Application US/10403142
; Publication No. US20040162236A1
; GENERAL INFORMATION:
; APPLICANT: Alsbrook et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHO
; FILE REFERENCE: 21402-573A
; CURRENT APPLICATION NUMBER: US/10/403,142
; PRIOR FILING DATE: 2003-03-31
; PRIOR APPLICATION NUMBER: 08/969106
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 09/544511
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/369065
; PRIOR FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: 09/604286
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 09/651200
; PRIOR FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: 09/662783
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 09/688588
; PRIOR FILING DATE: 2000-10-12
; PRIOR APPLICATION NUMBER: 09/894159
; PRIOR FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: 09/918779
; PRIOR FILING DATE: 2001-07-31
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; PRIOR APPLICATION NUMBER: 09/964956
; PRIOR FILING DATE: 2001-09-26
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 242
; SOFTWARE: Curaseq1st version 0.1
; SEQ ID NO 233
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-403-142-233

Query Match
Best Local Similarity 0.3%; Score 14.6; DB 1; Length 21;
Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4778 CTGAGCTTCAGTCTTGGT 4798
DB 1 CTGCTTCTCAGCTCTTTGTT 21

RESULT 962
US-10-755-889-798
; Sequence 798, Application US/10755889
; Publication No. US20040171823A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE NF-KB
; FILE REFERENCE: D0284 NP
; CURRENT APPLICATION NUMBER: US/10/755.889
; CURRENT FILING DATE: 2004-01-13
; PRIOR APPLICATION NUMBER: U.S. 60/440,068
; PRIOR FILING DATE: 2003-01-14
; PRIOR APPLICATION NUMBER: U.S. 60/469,757
; PRIOR FILING DATE: 2003-05-12
; NUMBER OF SEQ ID NOS: 823
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 798
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthesized Primer.
US-10-755-889-798

Query Match
Best Local Similarity 0.3%; Score 14.6; DB 1; Length 21;
Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3219 GGCTCAGCATCTAGTAATC 3239
DB 1 GGCTCAACGCTACTGGAATC 21

RESULT 963
US-10-786-720-1174
; Sequence 1174, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1174
; LENGTH: 21

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-1174

Query Match
Best Local Similarity 0.3%; Score 14.6; DB 1; Length 21;
Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2652 CAGTTGTCTCCAGAACGCT 2672
DB 1 CAGTAGTCACAAAGAACGAGT 21

RESULT 964
US-10-786-720-2950
; Sequence 2950, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2950
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-2950

Query Match
Best Local Similarity 0.3%; Score 14.6; DB 1; Length 21;
Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4790 TTCTTTGCTTGAGAGGACG 4810
DB 1 TACTTTGATTACAGAGGACG 21

RESULT 965
US-10-786-720-3226
; Sequence 3226, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3226
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-3226

Query Match
Best Local Similarity 0.3%; Score 14.6; DB 1; Length 21;
Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4790 TTCTTTGCTTGAGAGGACG 4810
DB 1 TACTTTGATTACAGAGGACG 21
```

RESULT 966
US-10-786-720-6497/c
; Sequence 6497, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6497
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-6497

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 1884 AAGAGTGGCTGAGATCCTC 1904
DB 21 AAGATTCTCTGATATCCTC 1

RESULT 967
US-10-786-720-7440
; Sequence 7440, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7440
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-7440

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 61.9%; Pred. No. 8.8e+02;
Matches 13; Conservative 4; Mismatches 4; Indels 0; Gaps 0;

OY 5237 AGCTGCTACCAATAATT 5257
DB 1 AGUCGUAUAAACAACAUAU 21

RESULT 968
US-10-786-720-8414
; Sequence 8414, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 8414
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-8414

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 57.1%; Pred. No. 8.8e+02;
Matches 12; Conservative 5; Mismatches 4; Indels 0; Gaps 0;

OY 2828 GGGGAGCTGATGATGAGTT 2848
DB 1 GGUGAGUGUGUGUGUCU 21

RESULT 969
US-10-786-720-8789/c
; Sequence 8789, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 8789
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-8789

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 1884 AAGAGTGGCTGAGATCCTC 1904
DB 21 AAGATTCTCTGATATCCTC 1

RESULT 970
US-10-786-720-9690
; Sequence 9690, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 9690
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-9690

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 61.9%; Pred. No. 8.8e+02;
Matches 13; Conservative 4; Mismatches 4; Indels 0; Gaps 0;

OY 5237 AGCTGCTACCAATAATT 5257

Db 1 AGUCGAAUAAACCAAAU 21

RESULT 971
US-10-786-720-10640
; Sequence 10640, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10640
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-10640

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 57.1%; Pred. No. 8.8e+02;
Matches 12; Conservative 5; Mismatches 4; Indels 0; Gaps 0;

QY 2828 GGGGAGCTGTGTGTGAAGTT 2848
Db 1 GGUGAGUUGUGUGUGUGU 21

RESULT 972
US-10-786-720-11225
; Sequence 11225, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11225
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-11225

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 61.9%; Pred. No. 8.8e+02;
Matches 13; Conservative 4; Mismatches 4; Indels 0; Gaps 0;

QY 3539 GCTGACGAAGCCGAGATGT 3559
Db 1 GCUGACCAAGGCCAUGAUGU 21

RESULT 973
US-10-786-720-12721/c
; Sequence 12721, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12721
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-12721

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1591 TGGAAACGAGAGAGAGA 1611
Db 21 TGACAAACAGAGAGTAGAATA 1

RESULT 974
US-10-786-720-12865
; Sequence 12865, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12865
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-12865

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1302 CTCAGCCAACTGACAGCCTG 1322
Db 1 CACAGTCACTGACAACTCTG 21

RESULT 975
US-10-786-720-12875/c
; Sequence 12875, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12875
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-12875

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2719 ATGCCACATTGAAGACCACT 2739

Db 21 AAGCCATTATGAGACATGT 1

RESULT 976

US-10-786-720-13021
; Sequence 13021, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 13021

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-786-720-13021

Query Match

Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1302 CTCAGCCACTGACAGCCTG 1322

Db 1 CACAGTCACTGACAACTGT 21

RESULT 977

US-10-786-720-13025/c
; Sequence 13025, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 13025

; LENGTH: 21

; TYPE: RNA

; ORGANISM: Rnai-sense strand

US-10-786-720-13025

Query Match

Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2719 ATGCCACATTGAAGACCACT 2739

Db 21 AAGCCATTATGAGACATGT 1

RESULT 978

US-10-786-720-13995/c
; Sequence 13995, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 13995

; LENGTH: 21

; TYPE: RNA

; ORGANISM: Rnai-antisense strand

US-10-786-720-13995

Query Match

Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1141 AACTGACCACTGCTCTGCA 1161

Db 21 AACTGCGCAGACTTCTCTCA 1

RESULT 979

US-10-786-720-14086
; Sequence 14086, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 14086

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-786-720-14086

Query Match

Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2130 CACTTACTTCAGAGAGTGA 2150

Db 1 CACTTCCTTAAGAGAGTGA 21

RESULT 980

US-10-786-720-14794
; Sequence 14794, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 14794

; LENGTH: 21

; TYPE: DNA

ORGANISM: Homo sapiens
US-10-786-720-14794

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1025 CACCAAGGCGCTCCAGAGA 1045
DB 1 CACCTGTGCGCTTGTGAGAGA 21

RESULT 981
US-10-786-720-19387/C
Sequence 19387, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 19387
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-19387

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2917 TCATCAGCATCAGTCTCTG 2937
DB 21 TCTTCTCATCACTCTCTG 1

RESULT 982
US-10-786-720-19711/C
Sequence 19711, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 19711
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-19711

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2704 AGTTTCAGAGTGTATGCA 2724
DB 21 AGTTTCAGAGTGTATGCA 1

RESULT 983

US-09-930-218-14/C
Sequence 14, Application US/09930218
Patent No. US20020034810A1
GENERAL INFORMATION:
APPLICANT: goldsmith, orit
APPLICANT: Decker, iris
APPLICANT: vlodavsky, israel
APPLICANT: israel, michael
TITLE OF INVENTION: AVIAN AND REPTILE DERIVED POLYNUCLEOTIDE ENCODING A POLYPEPTIDE
FILE REFERENCE: 01/22335
CURRENT APPLICATION NUMBER: US/09/930,218
CURRENT FILING DATE: 2001-08-16
PRIOR APPLICATION NUMBER: 09/666,390
PRIOR FILING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn version 3.1
SEQ ID NO 14
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: synthetic polynucleotide
US-09-930-218-14

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4448 GGATCGACACTCATGATGTG 4468
DB 22 GGATCCATCCTCTCATGTG 2

RESULT 984
US-09-798-033-6
Sequence 6, Application US/09798033
Publication No. US20020045220A1
GENERAL INFORMATION:
APPLICANT: Kosan Biosciences, Inc.
APPLICANT: Khosla, Chaitan
APPLICANT: Pfeiffer, Blaine
TITLE OF INVENTION: BIOSYNTHESIS OF POLYKETIDE SYNTHASE
FILE REFERENCE: 286002021120
CURRENT APPLICATION NUMBER: US/09/798,033
CURRENT FILING DATE: 2003-01-30
PRIOR APPLICATION NUMBER: 09/687,855
PRIOR FILING DATE: 2000-10-13
PRIOR APPLICATION NUMBER: 60/159,090
PRIOR FILING DATE: 1999-10-13
PRIOR APPLICATION NUMBER: 60/206,082
PRIOR FILING DATE: 2000-05-18
PRIOR APPLICATION NUMBER: 60/232,379
PRIOR FILING DATE: 2000-09-14
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 6
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-798-033-6

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 966 ACCGAGACCGCGCGGAGC 986
DB 1 ACCGAGACCTGCGGCGGAGC 21

RESULT 985
US-09-972-331-22/c
; Sequence 22, Application US/09972331
; Patent No. US20020091083A1
; GENERAL INFORMATION:
; APPLICANT: HIGASHI, KIYOSHI
; APPLICANT: KOMATSU, KENGO
; TITLE OF INVENTION: DNA-BINDING PROTEIN YB-1-CONTAINING
; TITLE OF INVENTION: COLLAGEN ACCUMULATION INHIBITORS
; FILE REFERENCE: 7372/72170
; CURRENT APPLICATION NUMBER: US/09/972,331
; CURRENT FILING DATE: 2001-12-28
; PRIOR APPLICATION NUMBER: JP 2000/310624
; PRIOR FILING DATE: 2000-10-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 22
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DESIGNED OLIGONUCLEOTIDE PRIMER TO SYNTHESIZE
; OTHER INFORMATION: COLLAGEN ALPHA 1 PROBE
US-09-972-331-22

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 4105 CCGAGGCCCGAGGAGCGCG 4125
Db 22 CCGAGGCCCGAGGAGCGCG 2

RESULT 986
US-09-970-597-3
; Sequence 3, Application US/09970597
; Patent No. US20020106790A1
; GENERAL INFORMATION:
; APPLICANT: COHEN-HAGENAUER, Odile
; TITLE OF INVENTION: RETROVIRAL VECTOR FOR THE TRANSFER AND EXPRESSION OF
; TITLE OF INVENTION: GENES FOR THERAPEUTIC PURPOSES IN EUKARYOTIC CELLS
; FILE REFERENCE: 8076.1101SCI
; CURRENT APPLICATION NUMBER: US/09/970,597
; CURRENT FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: 09/433,322
; PRIOR FILING DATE: 1999-11-03
; PRIOR APPLICATION NUMBER: FR 9308015
; PRIOR FILING DATE: 1993-06-30
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Primer
US-09-970-597-3

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 4265 TGCTGAGGCTGGAGGAAAAC 4285
Db 2 TGCTGAGGCTGGAGGAAAAC 22

RESULT 987
US-09-880-732-28/c
; Sequence 28, Application US/09880732
; Patent No. US20020127561A1
; GENERAL INFORMATION:
; APPLICANT: GENICON SCIENCES CORPORATION

APPLICANT: BEE, Gary
; APPLICANT: KOHNE, David E.
; APPLICANT: KORB, Linda
; APPLICANT: PETERSON, Todd
; APPLICANT: YGURABIDE, Juan
; TITLE OF INVENTION: ASSAY FOR GENETIC POLYMORPHISMS USING SCATTERED LIGHT DETECTABLE
; FILE REFERENCE: 089498/0403
; CURRENT APPLICATION NUMBER: US/09/880,732
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US 60/210,988
; PRIOR FILING DATE: 2000-06-12
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 28
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Exemplary probe for CYP2D6 allele detection
US-09-880-732-28

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 271 TCTCTCTCTTCTCTCTCT 291
Db 22 TCTCTCACCCTTCTCCTCT 2

RESULT 988
US-09-263-959-1074/c
; Sequence 1074, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Kooen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaisters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010, 426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 1074:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-1074

Query Match 0.3%; Score 14.6; DB 1; Length 22;

```
Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 273 TCTCTCTTCTCTCTCTCTCT 293
Db 22 TCTATCTTGTCTCCCTCTCT 2

RESULT 989
US-09-957-667-3
; Sequence 3, Application US/09957667
; Patent No. US20020155157A1
; GENERAL INFORMATION:
; APPLICANT: LUD, DAN
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR POLYNUCLEOTIDE DELIVERY
; FILE REFERENCE: 082035-0283695
; CURRENT APPLICATION NUMBER: US/09/957,667
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 09/244,722
; PRIOR FILING DATE: 1999-02-10
; PRIOR APPLICATION NUMBER: 68/074,213
; PRIOR FILING DATE: 1998-02-10
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-957-667-3

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2337 CAGTACGACAGCCTCCCTGTC 2357
Db 2 CAAATCCGAAACCGCCTCTCC 22

RESULT 990
US-09-908-594-50/c
; Sequence 50, Application US/09908594
; Publication No. US20020187950A1
; GENERAL INFORMATION:
; APPLICANT: Lafleur, et al.
; TITLE OF INVENTION: Keratinocyte Derived Interferon
; FILE REFERENCE: PP482P2
; CURRENT APPLICATION NUMBER: US/09/908,594
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: 60/232,934
; PRIOR FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: 60/219,621
; PRIOR FILING DATE: 2000-07-21
; PRIOR APPLICATION NUMBER: 09/487,792
; PRIOR FILING DATE: 2000-01-20
; PRIOR APPLICATION NUMBER: US00/01239
; PRIOR FILING DATE: 2000-01-20
; PRIOR APPLICATION NUMBER: 09/358,587
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: US99/16424
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 60/093,643
; PRIOR FILING DATE: 1998-07-21
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 50
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

NAME/KEY: Primer Bind
; OTHER INFORMATION: Synthetic primer complementary to the human IFN $\alpha$ 2.
US-09-908-594-50

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1332 ATTGAAGACAGGTCAAGGCC 1352
Db 22 AGTAAGCAAGGTCAAGGCC 2

RESULT 991
US-09-896-692B-5
; Sequence 5, Application US/09896692B
; Publication No. US20030100521A1
; GENERAL INFORMATION:
; APPLICANT: Agrawal, Sudhir
; TITLE OF INVENTION: No. US20030100521A1 HIV-Specific Synthetic Oligonucleotides and
; TITLE OF INVENTION: Methods of Their Use
; FILE REFERENCE: 47508.556 (HYZ-069)
; CURRENT APPLICATION NUMBER: US/09/896,692B
; PRIOR FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: US 08/914,827
; PRIOR FILING DATE: 1997-08-19
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic modified antisense oligonucleotide
US-09-896-692B-5

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 263 CCCCCCTCTCTCTCTTCT 283
Db 2 CGCACCACATCTCTCTCTCT 22

RESULT 992
US-10-029-079-1
; Sequence 1, Application US/10029079
; Publication No. US20020119154A1
; GENERAL INFORMATION:
; APPLICANT: Kline, J. Bradford
; TITLE OF INVENTION: Composition and Method for Modulating Somatolactogenic Function
; FILE REFERENCE: PENN-0795
; CURRENT APPLICATION NUMBER: US/10/029,079
; CURRENT FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 60/258,285
; PRIOR FILING DATE: 2000-12-22
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-029-079-1

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4606 GAAGCCAGTGCCTCTGGA 4626
```

Db 2 GAATTCAGCTTACTCCTCGA 22

RESULT 993

US-10-087-451-6
; Sequence 6, Application US/10087451
; Publication No. US20020192767A1
; GENERAL INFORMATION:
; APPLICANT: Khosla, Chaitan
; APPLICANT: Pfeiffer, Blaine
; TITLE OF INVENTION: BIOSYNTHESIS OF POLYPEPTIDE SYNTHASE
; FILE REFERENCE: 286002021121
; CURRENT APPLICATION NUMBER: US/10/087,451
; CURRENT FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: 09/798,033
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 09/687,855
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/159,090
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/206,082
; PRIOR FILING DATE: 2000-05-18
; PRIOR APPLICATION NUMBER: 60/232,379
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 60/355,211
; PRIOR FILING DATE: 2002-02-08
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-087-451-6

Query Match 0.3%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 9.4e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 966 ACCGAGACGACCGCGAGC 986

Db 1 ACCGAGACCTCGCGGCGATC 21

RESULT 994

US-10-345-092-57
; Sequence 57, Application US/10345092
; Publication No. US20030165506A1
; GENERAL INFORMATION:
; APPLICANT: Vlaams Interuniversitair Instituut voor Biotechnol
; TITLE OF INVENTION: No. US20030165506A1el alpha-catenin expressed in heart and testis
; FILE REFERENCE: FVR/atc/V067
; CURRENT APPLICATION NUMBER: US/10/345,092
; CURRENT FILING DATE: 2003-01-13
; PRIOR APPLICATION NUMBER: 00202472.7
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/218,309
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 134
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 57
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: upper primer
US-10-345-092-57

Query Match 0.3%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5132 CTTTCCTTATGTTGCTTTTC 5152

Db 2 CATTGCTTATGTTGCTTTTC 22

RESULT 995

US-10-345-092-127
; Sequence 127, Application US/10345092
; Publication No. US20030165506A1
; GENERAL INFORMATION:
; APPLICANT: Vlaams Interuniversitair Instituut voor Biotechnol
; TITLE OF INVENTION: No. US20030165506A1el alpha-catenin expressed in heart and testi
; FILE REFERENCE: FVR/atc/V067
; CURRENT APPLICATION NUMBER: US/10/345,092
; CURRENT FILING DATE: 2003-01-13
; PRIOR APPLICATION NUMBER: 00202472.7
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/218,309
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 134
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 127
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer MCB2820
US-10-345-092-127

Query Match 0.3%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 9.4e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2874 CCCATTATCTGTGACCTGAG 2894

Db 2 CCCTTCTCTTATCTCTGAG 22

RESULT 996

US-10-039-869A-1
; Sequence 1, Application US/10039869A
; Publication No. US20030167474A1
; GENERAL INFORMATION:
; APPLICANT: Wallace, Douglas C.
; APPLICANT: Melov, Simon L.
; APPLICANT: Crapo, James D.
; APPLICANT: Day, Brian J.
; TITLE OF INVENTION: Methods for Identifying Compounds as Antioxidants
; FILE REFERENCE: 50-96B
; CURRENT APPLICATION NUMBER: US/10/039,869A
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: 09/454,126
; PRIOR FILING DATE: 1999-12-03
; PRIOR APPLICATION NUMBER: 08/924,301
; PRIOR FILING DATE: 1997-09-05
; PRIOR APPLICATION NUMBER: 60/024,702
; PRIOR FILING DATE: 1996-09-06
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-10-039-869A-1

Query Match 0.3%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 9.4e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2826 GAGGGGAGCTGCTGTGAAG 2846

Db 2 GAGGGGAGCTGCTGTGAAG 22

RESULT 997

US-10-431-438-14/c
; Sequence 14, Application US/10431438
; Publication No. US20030180788A1
; GENERAL INFORMATION:
; APPLICANT: goldshmidt, orit
; APPLICANT: pecker, itis
; APPLICANT: viodavsky, israel
; APPLICANT: israel, michael
; TITLE OF INVENTION: AVIAN AND REPTILE DERIVED POLYNUCLEOTIDE ENCODING A POLYPEPTIDE H
; FILE REFERENCE: 26013
; CURRENT APPLICATION NUMBER: US/10/431,438
; CURRENT FILING DATE: 2003-05-08
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic polynucleotide
US-10-431-438-14

Query Match 0.3%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4448 GGATCGAAGCTCATGATG 4468

Db 22 GGATCGATCCCTCTGATG 2

RESULT 998

US-10-084-839-3145/c
; Sequence 3145, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichew, Victor
; APPLICANT: Lyamicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah W.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tseeska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vegvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26

; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3145
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-3145

Query Match 0.3%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3703 CCAAGAGGCTGATCGCGCG 3723

Db 22 CCAAGAGGCTGATCGCGCG 2

RESULT 999

US-10-357-488-7/c
; Sequence 7, Application US/10357488
; Publication No. US20030194730A1
; GENERAL INFORMATION:
; APPLICANT: Centre for DNA Fingerprinting and diagnostics
; TITLE OF INVENTION: No. US20030194730A1, FISSR-PCR primers and markers and a method
; TITLE OF INVENTION: primers and markers for identifying genetic constitution and br
; FILE REFERENCE: 782-Indian
; CURRENT APPLICATION NUMBER: US/10/357,488
; CURRENT FILING DATE: 2003-02-04
; PRIOR APPLICATION NUMBER: 260/MAS/2002
; PRIOR FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A novel FISSR-PCR primer for genotyping eukaryotes
US-10-357-488-7

Query Match 0.3%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 283 TCTCTCTCTCTGCTGCT 303

Db 22 TCTCTCTCTCTGCTGCT 2

RESULT 1000

US-10-351-157-65
; Sequence 65, Application US/10351157
; Publication No. US20030215838A1
; GENERAL INFORMATION:
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Gao, Zeren
; APPLICANT: Kujiper, Joseph L.
; APPLICANT: Dasovich, Maria M.
; APPLICANT: Grant, Francis J.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Whitmore, Theodore E.
; APPLICANT: Hammond, Angela K.
; APPLICANT: No. US20030215838A1, Julia E.
; APPLICANT: Gross, Jane A.
; APPLICANT: Dillon, Stacey R.
; TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR17 MULTIMERS
; FILE REFERENCE: 02-02
; CURRENT APPLICATION NUMBER: US/10/351,157
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US 60/435,361

PRIOR FILING DATE: 2002-12-19
PRIOR APPLICATION NUMBER: US 60/389,108
PRIOR FILING DATE: 2002-06-14
PRIOR APPLICATION NUMBER: US 60/350,325
PRIOR FILING DATE: 2002-01-18
NUMBER OF SEQ ID NOS: 183
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 65
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC39983
US-10-351-157-65

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2289 CTGCTACTGTGAGCGAGAA 2309
Db 2 CTGCTACTGTGAAACCGAA 22

RESULT 1001
US-10-352-554-65
Sequence 65, Application US/10352554
Publication No. US2003022487A1
GENERAL INFORMATION:
APPLICANT: Sprecher, Cindy A.
APPLICANT: Kujiper, Joseph L.
APPLICANT: Dasovich, Maria M.
APPLICANT: Grant, Francis J.
APPLICANT: Hammond, Angela K.
APPLICANT: Novak, Julia E.
APPLICANT: Gross, Jane A.
APPLICANT: Dillon, Stacey R.
TITLE OF INVENTION: NOVEL CYTOKINE ZCYTOR17 LIGAND
FILE REFERENCE: 02-01
CURRENT APPLICATION NUMBER: US/10/352,554
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US 60/350,325
PRIOR FILING DATE: 2002-01-18
PRIOR APPLICATION NUMBER: US 60/375,323
PRIOR FILING DATE: 2002-04-25
PRIOR APPLICATION NUMBER: US 60/435,315
PRIOR FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 168
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 65
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC39983
US-10-352-554-65

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2289 CTGCTACTGTGAGCGAGAA 2309
Db 2 CTGCTACTGTGAAACCGAA 22

RESULT 1002
US-10-164-717-9/c
Sequence 9, Application US/10164717
Publication No. US20030228658A1
GENERAL INFORMATION:
APPLICANT: Origene Technologies, Inc.
TITLE OF INVENTION: Melanocortin-1 Receptor and Methods of Use

FILE REFERENCE: 16U 111 R1
CURRENT APPLICATION NUMBER: US/10/164,717
CURRENT FILING DATE: 2002-06-10
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.0
SEQ ID NO 9
LENGTH: 22
TYPE: DNA
ORGANISM: Homo sapiens
US-10-164-717-9

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4107 GGAGCCGAGAGAAAGCGGTG 4127
Db 22 GGAGCCTAGAGAAAGAGAGAG 2

RESULT 1003
US-10-262-445-75
Sequence 75, Application US/10262445
Publication No. US20040014058A1
GENERAL INFORMATION:
APPLICANT: Alsebrook II, John
APPLICANT: Burgess, Catherine
APPLICANT: Catterton, Elina
APPLICANT: Chant, John
APPLICANT: Chaudhuri, Amitbha
APPLICANT: Edinger, Shlomit
APPLICANT: Gerlach, Valerie
APPLICANT: Gioc, Loic
APPLICANT: Gorman, Linda
APPLICANT: Guo, Xiaojia
APPLICANT: Kekuda, Ramesh
APPLICANT: Mezes, Peter
APPLICANT: Millet, Isabelle
APPLICANT: Ooi, Chean Eng
APPLICANT: Patturajan, Meera
APPLICANT: Rieger, Daniel
APPLICANT: Spytek, Kimberly
APPLICANT: Taupier Jr., Raymond J.
APPLICANT: Zerhusen, Bryan
APPLICANT: Zhong, Haihong
TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYPEPTIDES ENCODING THEM AND METHODS
FILE REFERENCE: 21402-462D
CURRENT APPLICATION NUMBER: US/10/262,445
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: 60/327,454
PRIOR FILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: 60/327,917
PRIOR FILING DATE: 2001-10-09
PRIOR APPLICATION NUMBER: 60/328,029
PRIOR FILING DATE: 2001-10-09
PRIOR APPLICATION NUMBER: 60/328,056
PRIOR FILING DATE: 2001-10-09
PRIOR APPLICATION NUMBER: 60/328,849
PRIOR FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 60/329,414
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 60/330,142
PRIOR FILING DATE: 2001-10-17
PRIOR APPLICATION NUMBER: 60/341,058
PRIOR FILING DATE: 2001-10-22
PRIOR APPLICATION NUMBER: 60/343,629
PRIOR FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 60/349,575
PRIOR FILING DATE: 2001-10-29
NUMBER OF SEQ ID NOS: 133

Remaining Prior Application data removed - See File Wrapper or PALM.

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SOFTWARE: Cureseqdist version 0.1
; SEQ ID NO 75
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-262-445-75

Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5030 GCCTCTGCTCCAGGCTCTT 5050
Db 2 GCCTCTAGGTTCTGCTCTT 22

RESULT 1004
US-10-274-300-69/c
; Sequence 69, Application US/10274300
; Publication No. US20040076960A1
; GENERAL INFORMATION:
; APPLICANT: Taylor, Kent D.
; APPLICANT: Rotter, Jerome I.
; APPLICANT: Yang, Huiying
; APPLICANT: Sugimura, Kazuhito
; APPLICANT: Targan, Stephan
; TITLE OF INVENTION: Methods of Using a NOD2/CARD 15
; FILE REFERENCE: P-CE 5451
; TITLE OF INVENTION: Haplotype to Diagnose Crohn's Disease
; CURRENT APPLICATION NUMBER: US/10/274,300
; CURRENT FILING DATE: 2002-10-18
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 69
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-274-300-69

Query Match
Best Local Similarity 0.3%; Score 14.6; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5235 GAAGTCTGCTTACCAATATA 5255
Db 22 GAAGTGAAGGTAAACCAATATA 2

RESULT 1005
US-10-408-601-74/c
; Sequence 74, Application US/10408601
; Publication No. US20040086890A1
; GENERAL INFORMATION:
; APPLICANT: Sorce, Joseph
; TITLE OF INVENTION: DNA POLYMERASES WITH REDUCED BASE ANALOG DETECTION ACTIVITY
; FILE REFERENCE: 25436/2345B
; CURRENT APPLICATION NUMBER: US/10/408,601
; CURRENT FILING DATE: 2003-04-07
; PRIOR APPLICATION NUMBER: US 10/298,680
; PRIOR FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 10/280,962
; PRIOR FILING DATE: 2002-10-25
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 74
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-408-601-74
```

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Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2253 CTCTCTGGTTGGGATCTT 2273
Db 22 CTCTAATAGTTTGGGATGTT 2

RESULT 1006
US-10-211-059-311/c
; Sequence 311, Application US/10211059
; Publication No. US20030100495A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN NAC-1 PROTEIN
; FILE REFERENCE: PB0149
; CURRENT APPLICATION NUMBER: US/10/211,059
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: US 60/311,034
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 322
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 311
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-211-059-311

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 16;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3041 AGGCCACTTCACGGGG 3056
Db 16 AGCCCACTTCACAGGG 1

RESULT 1007
US-10-645-471A-26
; Sequence 26, Application US/10645471A
; Publication No. US2004011022A1
; GENERAL INFORMATION:
; APPLICANT: Ebbinghaus, Scot W.
; APPLICANT: Hurley, Laurence H.
; APPLICANT: Siddiqui-Jain, Adam
; TITLE OF INVENTION: MEMMOLT, Regan
; TITLE OF INVENTION: METHODS FOR REGULATING TRANSCRIPTION BY
; FILE REFERENCE: 53232000500
; CURRENT APPLICATION NUMBER: US/10/645,471A
; CURRENT FILING DATE: 2003-08-20
; PRIOR APPLICATION NUMBER: 60/404,965
; PRIOR FILING DATE: 2002-08-20
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-645-471A-26

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 16;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4155 CTCTGCTGCTCTCTCT 4170
Db 1 CTCTGCTGCTCTCTCT 16
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```
RESULT 1008
US-09-866-108-1344
; Sequence 1344, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1344
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-1344

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1348
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-1348

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      771 AAGAGGAAAAACATGG 786
Db      2 AAGAGGAAAAAGATGG 17

RESULT 1009
US-09-866-108-1348
; Sequence 1348, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
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RESULT 1010
US-09-866-108-6703/C
; Sequence 6703, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
```

```

; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6703
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6703

```

```

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      82 GCTTCTTCAGACTGG 97
Db      17 GCTTCTTCAGACTGG 2

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```

RESULT 1011
US-09-866-108-6704/c
; Sequence 6704, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669

```

```

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6704
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6704

```

```

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      82 GCTTCTTCAGACTGG 97
Db      16 GCTTCTTCAGACTGG 1

```

```

RESULT 1012
US-09-866-108-7085
; Sequence 7085, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661

```

```

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO: 7085
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7085

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      550 CCAAGCGGAGAGCT 565
Db      2 CCAAGGAGAGAGCT 17

RESULT 1013
US-09-866-108-7086
; Sequence 7086, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7086
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```

; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7086

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      550 CCAAGCGGAGAGCT 565
Db      1 CCAAGGAGAGAGCT 16

RESULT 1014
US-09-866-108-8197/c
; Sequence 8197, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 8197
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8197

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3874 TCAAGCCTTCAGATC 3889
```

Db 17 TCAGCCTTCCAAATC 2

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RESULT 1015
US-09-866-108-8199/c
; Sequence 8199, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 8199
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8199

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 3873 ATCAGCCTTCCGAT 3888
Db 16 ATCAGCCTTCCAAAT 1

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RESULT 1016
US-09-866-108-8201/c
; Sequence 8201, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
```

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; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 8201
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8201

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3870 CCCATCAGCCTTCCA 3885
Db 17 CCGATCAGCCTTCCA 2

RESULT 1017
US-09-866-108-8202/c
; Sequence 8202, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
```

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; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 8202
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8202

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3870 CCCATCAAGCCTTCCA 3885
Db      16 CCGATCAAGCCTTCCA 1

RESULT 1018
US-09-818-875-1095
; Sequence 1095, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1095
; LENGTH: 17
; TYPE: DNA
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; ORGANISM: Homo sapiens
US-09-818-875-1095

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2326 TCAAGCAGCAGCTGTA 2341
Db      1 TCAAGCAGCAGCTGTA 16

RESULT 1019
US-09-818-875-1096/c
; Sequence 1096, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1096
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-1096

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2326 TCAAGCAGCAGCTGTA 2341
Db      17 TCAAGCAGCAGCTGTA 2

RESULT 1020
US-09-877-478-685/c
; Sequence 685, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwigen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH90-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
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;; PRIOR FILING DATE: 1994-02-07
;; PRIOR APPLICATION NUMBER: US 08/433,993
;; PRIOR FILING DATE: 1995-05-04
;; PRIOR APPLICATION NUMBER: US 08/434,504
;; PRIOR FILING DATE: 1995-05-04
;; PRIOR APPLICATION NUMBER: US 09/436,430
;; PRIOR FILING DATE: 1999-11-08
;; NUMBER OF SEQ ID NOS: 6586
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO: 685
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Hepatitis B virus
US-09-877-478-685

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 553 AGCGGAGAGAGCTGCT 568
DB 17 AGGAGGAGAGAGCTGCT 2

RESULT 1021
US-09-877-478-1413/C
;; Sequence 1413, Application US/09877478
;; Publication No. US20030068301A1
;; GENERAL INFORMATION:
;; APPLICANT: Ribozyne Pharmaceuticals, Inc.
;; APPLICANT: Draper, Kenneth
;; APPLICANT: Blatt, Larry
;; APPLICANT: McSwiggen, Jim
;; APPLICANT: Morrissey, Dave
;; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
;; FILE REFERENCE: MBH800-845-H (400/029)
;; CURRENT APPLICATION NUMBER: US/09/877,478
;; CURRENT FILING DATE: 2001-12-31
;; PRIOR APPLICATION NUMBER: US 07/882,712
;; PRIOR FILING DATE: 1992-05-14
;; PRIOR APPLICATION NUMBER: US 09/531,025
;; PRIOR FILING DATE: 2000-03-20
;; PRIOR APPLICATION NUMBER: US 09/636,385
;; PRIOR FILING DATE: 2000-08-09
;; PRIOR APPLICATION NUMBER: US 09/696,347
;; PRIOR FILING DATE: 2000-10-24
;; PRIOR APPLICATION NUMBER: US 08/193,627
;; PRIOR FILING DATE: 1994-02-07
;; PRIOR APPLICATION NUMBER: US 08/433,993
;; PRIOR FILING DATE: 1995-05-04
;; PRIOR APPLICATION NUMBER: US 08/434,504
;; PRIOR FILING DATE: 1995-05-04
;; PRIOR APPLICATION NUMBER: US 09/436,430
;; PRIOR FILING DATE: 1999-11-08
;; NUMBER OF SEQ ID NOS: 6586
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO: 1413
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Hepatitis B virus
US-09-877-478-1413

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 553 AGCGGAGAGAGCTGCT 568
DB 16 AGGAGGAGAGAGCTGCT 1

RESULT 1022
US-09-740-332-2903/C

;; Sequence 2903, Application US/09740332
;; Publication No. US20030125270A1
;; GENERAL INFORMATION:
;; APPLICANT: Ribozyne Pharmaceuticals Inc.
;; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
;; FILE REFERENCE: RPI 400/003
;; CURRENT APPLICATION NUMBER: US/09/740,332
;; CURRENT FILING DATE: 2001-03-26
;; NUMBER OF SEQ ID NOS: 9704
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO: 2903
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: artificial sequence
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION:
;; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2903

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4872 GCCTGTGCCAGCTTCC 4887
DB 16 GCCGTGTGCCAGCTTCC 1

RESULT 1023
US-09-792-818-365
;; Sequence 365, Application US/09792818
;; Publication No. US20030134806A1
;; GENERAL INFORMATION:
;; APPLICANT: Ribozyne Pharmaceuticals, Inc.
;; APPLICANT: Von Carlowitz, Ira
;; APPLICANT: McSwiggen, Jim
;; APPLICANT: Hamblin, Paul
;; APPLICANT: Ellis, Jonathan
;; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
;; FILE REFERENCE: MBH800-901-A (400/013)
;; CURRENT APPLICATION NUMBER: US/09/792,818
;; CURRENT FILING DATE: 2001-02-23
;; NUMBER OF SEQ ID NOS: 2304
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO: 365
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Homo sapiens
US-09-792-818-365

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4912 CCATCACAGCCACAG 4927
DB 2 CCAGCACAGCCACAG 17

RESULT 1024
US-09-792-818-366
;; Sequence 366, Application US/09792818
;; Publication No. US20030134806A1
;; GENERAL INFORMATION:
;; APPLICANT: Ribozyne Pharmaceuticals, Inc.
;; APPLICANT: Jarvis, Thale
;; APPLICANT: Von Carlowitz, Ira
;; APPLICANT: McSwiggen, Jim
;; APPLICANT: Hamblin, Paul

```
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; TITLE OF INVENTION: (GRID) Gene
; FILE REFERENCE: MBRB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 366
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-366

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      4912 CCATCACCAGCCACAG 4927
Db      1 CCAGCACCAGCCACAG 16

RESULT 1025
US-09-792-818-481
; Sequence 481, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; TITLE OF INVENTION: (GRID) Gene
; FILE REFERENCE: MBRB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 481
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-481

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.9e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Oy      882 GAGCTGCCCCCAAGAA 897
Db      2 GAGCTGCCCCCAAGAA 17

RESULT 1026
US-09-792-818-483
; Sequence 483, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; TITLE OF INVENTION: (GRID) Gene
; FILE REFERENCE: MBRB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 483
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-483

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.9e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Oy      883 AGTGCCCCCAAGAA 898
Db      1 AGTGCCCCCAAGAA 16

RESULT 1027
US-09-792-818-503/c
; Sequence 503, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; TITLE OF INVENTION: (GRID) Gene
; FILE REFERENCE: MBRB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 503
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-503

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      1124 TCTTCTCACCCTGAAG 1139
Db      16 TCATCTCACCCTGAAG 1

RESULT 1028
US-09-817-879-2903/c
; Sequence 2903, Application US/09817879
; Publication No. US2003017311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Hepatitis C Virus Infection
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MBRB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2903
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2903

Query Match          0.3%; Score 14.4; DB 1; Length 17;
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Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4872 GCCTGTGCCAGTTCC 4887
|||
Db 16 GCCCGTCCAGATTCC 1

RESULT 1029
US-10-060-756A-1008/c
; Sequence 1008, Application US/10060756A
; Publication No. US2003004671A1
; GENERAL INFORMATION:

APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN

FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060.756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 1008
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-060-756A-1008

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4937 GCCCCCCCAACATGTAT 4952
|||
Db 17 GCCCCCCCAAGATGTAT 2

RESULT 1030
US-10-060-756A-1009/c
; Sequence 1009, Application US/10060756A
; Publication No. US2003004671A1
; GENERAL INFORMATION:

APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN

FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060.756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 1009
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-060-756A-1009

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4937 GCCCCCCCAACATGTAT 4952
|||
Db 16 GCCCCCCCAAGATGTAT 1

RESULT 1031
US-10-238-700-2800/c
; Sequence 2800, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:

APPLICANT: McSwiggen, James
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve
FILE REFERENCE: 400/057 (MBH01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 4666
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2800
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-238-700-2800

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3922 CGCCGCGCGCCGCT 3937
|||
Db 17 CGCCGCGCGCCGCT 2

RESULT 1032
US-10-061-201-1078/c
; Sequence 1078, Application US/10061201
; Publication No. US2003016229A1
; GENERAL INFORMATION:

APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: PB0178
CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30


```

; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1078
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1078
```

```
Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      820 TGGAGAAGAGACAC 835
      |||||
Db      17 TGGAGAGCAGGACAC 2
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RESULT 1033

```
US-10-061-201-1080/c
; Sequence 1080, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
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```

; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1080
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1080
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```
Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      819 CTGAGAGAAGACACA 834
      |||||
Db      16 CTGAGAGCAGGACACA 1
```

```

; Sequence 1095, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
```

```

; APPLICANT: Kmiec, Eric B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; PRIOR FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1095
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-1095
```

```
Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2326 TCAAGCAGCAGCTGTA 2341
      |||||
Db      1 TCAAGCAGCAGCTGTA 16
```

```

; Sequence 1096, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
```

```

; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; PRIOR FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1096
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-1096
```

```
Query Match      0.3%; Score 14.4; DB 1; Length 17;
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Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2326 TCAAGCAGCAGCAGTA 2341
Db 17 TCAAGCAGCAGCTGTA 2

RESULT 1036
US-10-297-068-554

; Sequence 554, Application US/10297068
; Publication No. US20030228585A1

; GENERAL INFORMATION:

; APPLICANT: INOKO, Hidetoshi

; APPLICANT: KAGIYA, Taeko

; APPLICANT: ICHIHARA, Tatsuo

; APPLICANT: Matsumura, Yoshiyuki

; APPLICANT: MORIYA, Shogo

; APPLICANT: NISHIDA, Michio

; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES

; FILE REFERENCE: 13140P174

; CURRENT APPLICATION NUMBER: US/10/297,068

; PRIOR FILING DATE: 2002-11-27

; PRIOR APPLICATION NUMBER: JP 2000-164798

; NUMBER OF SEQ ID NOS: 1298

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 554

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:
US-10-297-068-554

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 470 CTGGGGCTGCTGCCG 485
Db 2 CTGGGGCTGCTGCCG 17

RESULT 1037
US-10-321-962-29

; Sequence 29, Application US/10321962

; Publication No. US20040006015A1

; GENERAL INFORMATION:

; APPLICANT: Boldog, Ferenc L.

; APPLICANT: Burgees, Catherine E.

; APPLICANT: Fernandez, Elma

; APPLICANT: Jeffers, Michael E.

; APPLICANT: Larochele, William J.

; APPLICANT: Lichenstein, Henry S.

; APPLICANT: Peterson, Jeffrey

; APPLICANT: Preyaga, Sudhiras

; APPLICANT: Rittman, Beth

; APPLICANT: Shinkets, Juliette

; APPLICANT: Shinkets, Richard A.

; APPLICANT: Yang, Meijia

; TITLE OF INVENTION: Treatment of Inflammatory Bowel Disease

; FILE REFERENCE: 15966-557A 1BD CIP2

; CURRENT APPLICATION NUMBER: US/10/321,962

; NUMBER OF SEQ ID NOS: 42

; SOFTWARE: Curaseqdist version 0.1

; SEQ ID NO 29

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-321-962-29

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2684 TGACAGCCAGCAGCAG 2699
Db 2 TGCCAGCCAGCAGCAG 17

RESULT 1038
US-10-261-185-1095

; Sequence 1095, Application US/10261185

; Publication No. US20040014057A1

; GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.

; APPLICANT: Gamper, Howard B.

; APPLICANT: Rice, Michael C.

; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

; FILE REFERENCE: Napro-4CON

; CURRENT APPLICATION NUMBER: US/10/261,185

; PRIOR FILING DATE: 2002-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/09761

; PRIOR FILING DATE: 2001-03-27

; PRIOR APPLICATION NUMBER: US 60/192,176

; PRIOR FILING DATE: 2000-03-27

; PRIOR APPLICATION NUMBER: US 60/192,179

; PRIOR FILING DATE: 2000-03-27

; PRIOR APPLICATION NUMBER: US 60/208,538

; PRIOR FILING DATE: 2000-06-01

; PRIOR APPLICATION NUMBER: US 60/244,989

; NUMBER OF SEQ ID NOS: 4385

; SOFTWARE: Friedman macro Napro4

; SEQ ID NO 1095

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-261-185-1095

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2326 TCAAGCAGCAGCAGTA 2341
Db 1 TCAAGCAGCAGCTGTA 16

RESULT 1039
US-10-261-185-1096/c

; Sequence 1096, Application US/10261185

; Publication No. US20040014057A1

; GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.

; APPLICANT: Gamper, Howard B.

; APPLICANT: Rice, Michael C.

; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

; FILE REFERENCE: Napro-4CON

; CURRENT APPLICATION NUMBER: US/10/261,185

; PRIOR FILING DATE: 2002-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/09761

; PRIOR FILING DATE: 2001-03-27

; PRIOR APPLICATION NUMBER: US 60/192,176

; PRIOR FILING DATE: 2000-03-27

; PRIOR APPLICATION NUMBER: US 60/192,179

; PRIOR FILING DATE: 2000-03-27

; PRIOR APPLICATION NUMBER: US 60/208,538

```
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1096
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-1096
```

```
Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY      2326 TCAGCAGCAGCAGCTA 2341
Db      17 TCAGCAGCAGCAGCTGTA 2
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RESULT 1040
US-10-342-902-685/c
; Sequence 685, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBH00-845-1)
; CURRENT APPLICATION NUMBER: US/10/342,902
; PRIOR FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 685
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-685
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```
Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      553 AGCGGAGAGAGCTGCT 568
Db      17 AGGAGGAGAGAGCTGCT 2

RESULT 1041
US-10-342-902-1413/c
; Sequence 1413, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
```

```
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBH00-845-1)
; CURRENT APPLICATION NUMBER: US/10/342,902
; PRIOR FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1413
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-1413
```

```
Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      553 AGCGGAGAGAGCTGCT 568
Db      16 AGGAGGAGAGAGCTGCT 1
```

```
RESULT 1042
US-10-669-841-685/c
; Sequence 685, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
; FILE REFERENCE: 400/042US (MBH02-249-B)
; CURRENT APPLICATION NUMBER: US/10/669,841
; PRIOR FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
```

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; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 685
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-685

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      553 AGCGGAGAGAGCTGCT 568
Db      17 AGGAGGAGAGAGCTGCT 2

RESULT 1043
US-10-669-841-1413/c
; Sequence 1413, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patricia, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
; FILE REFERENCE: 400/042US (MHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; PRIOR FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1413
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-1413

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY      553 AGCGGAGAGAGCTGCT 568
Db      16 AGGAGGAGAGAGCTGCT 1

RESULT 1044
US-10-669-841-5496/c
; Sequence 5496, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patricia, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
; FILE REFERENCE: 400/042US (MHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; PRIOR FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5496
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-10-669-841-5496

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4872 GCCTGTGCCAGGTTC 4887
Db      16 GCCCGTGCAGGTTC 1

RESULT 1045
US-10-723-361-1344
; Sequence 1344, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
```

```
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 1344
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-1344

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 AAGGAAACATGGC 786
DB 2 AAGGAAACATGGC 17

RESULT 1046
US-10-723-361-1348
Sequence 1348, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 1348
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-1348

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 774 AAGGAAACATGGGC 789
DB 1 AAGGAAACATGGGC 16

RESULT 1047
US-10-723-361-6703/C
Sequence 6703, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 6703
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
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US-10-723-361-6703

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 82 GCTTCTTCAGAGRG 97
DB 17 GCTTCTTCAGAGRG 2

RESULT 1048

US-10-723-361-6704/C

; Sequence 6704, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 6704
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-6704

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 82 GCTTCTTCAGAGRG 97
DB 16 GCTTCTTCAGAGRG 1

RESULT 1049

US-10-723-361-7085

; Sequence 7085, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN

FILE REFERENCE: PB0105

CURRENT APPLICATION NUMBER: US/10/723,361

CURRENT FILING DATE: 2003-11-26

PRIOR APPLICATION NUMBER: US 09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aeomica Sequence Listing Engine

SEQ ID NO 7085

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-10-723-361-7085

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 550 CCAAGCGAGAGAGCT 565
DB 2 CCAAGCGAGAGAGCT 17

RESULT 1050

US-10-723-361-7086

; Sequence 7086, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 7086
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-7086

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 550 CCAAGCGGAGAGCT 565
Db 1 CCAAGGAGAGAGCT 16

RESULT 1051
US-10-723-361-8197/c
Sequence 8197, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 8197
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-8197
Query Match 0.3%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3874 TCAAGCTTCAGATC 3889
Db 17 TCAAGCTTCAGATC 2

RESULT 1052
US-10-723-361-8199/c
Sequence 8199, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 8199
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-8199
Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3873 ATCAAGCTTCAGAT 3888
Db 16 ATCAAGCTTCAGAT 1

RESULT 1053
US-10-723-361-8201/c
Sequence 8201, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng

```
APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PR0105
; CURRENT APPLICATION NUMBER: US/10/723.361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 8201
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-8201

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3870 CCCATCAGCCTTCCA 3885
Db 17 CCGATCAGCCTTCCA 2

RESULT 1054
US-10-723-361-8202/C
; Sequence 8202, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PR0105
; CURRENT APPLICATION NUMBER: US/10/723.361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
```

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PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 8202
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-8202

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3870 CCCATCAGCCTTCCA 3885
Db 16 CCGATCAGCCTTCCA 1

RESULT 1055
US-10-741-601-26358/C
; Sequence 26358, Application US/10741601
; Publication No. US2004016519A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: CI001500
; CURRENT APPLICATION NUMBER: US/10/741.601
; CURRENT FILING DATE: 2003-12-22
; NUMBER OF SEQ ID NOS: 26415
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26358
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-741-601-26358

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5001 CTCCTCAGCCTGCTG 5016
Db 16 CTCCTCAGCCTGCTG 1

RESULT 1056
US-10-681-074-1095
; Sequence 1095, Application US/10681074
; Publication No. US20040175722A1
; GENERAL INFORMATION:
; APPLICANT: KITEC, ERIC B.
; APPLICANT: VAN BRABANT, ANJA
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
; FILE REFERENCE: NARPO-18 US
; CURRENT APPLICATION NUMBER: US/10/681.074
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: US 60/453,360
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US 60/416,983
; PRIOR FILING DATE: 2002-10-07
; NUMBER OF SEQ ID NOS: 4375
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1095
; LENGTH: 17
; TYPE: DNA
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ORGANISM: Homo sapiens
US-10-681-074-1095

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2326 TCAAGCAGCAGCTGTA 2341
1 TCAAGCAGCAGCTGTA 16

RESULT 1057
US-10-681-074-1096/C
Sequence 1096, Application US/10681074
Publication No. US20040175722A1

GENERAL INFORMATION:
APPLICANT: KMEC, ERIC B.
APPLICANT: VAN BRABANT, ANJA
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
FILE REFERENCE: NAPIRO-18 US
CURRENT APPLICATION NUMBER: US/10/681,074
CURRENT FILING DATE: 2003-10-07
PRIOR APPLICATION NUMBER: US 60/453,360
PRIOR FILING DATE: 2003-03-07
PRIOR APPLICATION NUMBER: US 60/416,983
PRIOR FILING DATE: 2002-10-07
NUMBER OF SEQ ID NOS: 4375
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1096

LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-681-074-1096

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2326 TCAAGCAGCAGCTGTA 2341
17 TCAAGCAGCAGCTGTA 2

RESULT 1058

US-09-969-373-1920/C
Sequence 1920, Application US/09969373
Patent No. US20020133852A1

GENERAL INFORMATION:
APPLICANT: Effertz, Roger J.
APPLICANT: Haugue, Brian M.
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
FILE REFERENCE: 38-10(52679)A
CURRENT APPLICATION NUMBER: US/09/969,373
CURRENT FILING DATE: 2001-10-02/754,853
PRIOR APPLICATION NUMBER: US 09/754,853
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US 09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 1920

LENGTH: 18
TYPE: DNA
ORGANISM: Glycine max
US-09-969-373-1920

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3612 AAGACGAGGATCCC 3627
18 AAGACGAGGATCCC 3

RESULT 1059
US-09-093-972C-971
Sequence 971, Application US/09093972C
Publication No. US20030087845A1

GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICION, ALLERGY(IES) & INFLAMMATION
NUMBER OF SEQUENCES: 996
CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
CITY: Cranbury
STATE: New Jersey
COUNTRY: USA
ZIP: 08512

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998

ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 971:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 971:

US-09-093-972C-971

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3741 GTGCGCGCGCGCGC 3756
3 GTGCGCGCGCGCGC 18

RESULT 1060
US-10-024-818-10/C
Sequence 10, Application US/10024818
Publication No. US20030096980A1
GENERAL INFORMATION:
APPLICANT: Froehner, Brian

```

; APPLICANT: Wagner, Rick
; APPLICANT: Mateucci, Mark
; APPLICANT: Jones, Robert J.
; APPLICANT: Gutierrez, Arnold J.
; APPLICANT: Pudlo, Jeff
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
; FILE REFERENCE: GLIS0143
; CURRENT APPLICATION NUMBER: US/10/024,818
; PRIOR FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: 08/599,738
; PRIOR FILING DATE: 1996-02-12
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-024-818-10
```

```

Query Match          0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY      276 CTCTTCTCTCTCTCT 291
          |||||
          16 CTTTCTCTCTCTCT 1
```

```

RESULT 1061
US-10-005-956-1159/C
; Sequence 1159, Application US/10005956
; Publication No. US2003013726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 60/273,037
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 1159
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-1159
```

```

Query Match          0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY      1388 CTCCTTATCCCTCCA 1403
          |||||
          18 CTCCTTGTCCCTCCA 3
```

```

RESULT 1062
US-10-294-203-10/C
; Sequence 10, Application US/10294203
; Publication No. US20030170680A1
; GENERAL INFORMATION:
; APPLICANT: Froehner, Brian
; APPLICANT: Wagner, Rick
; APPLICANT: Mateucci, Mark
; APPLICANT: Jones, Robert J.
```

```

; APPLICANT: Gutierrez, Arnold J.
; APPLICANT: Pudlo, Jeff
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
; FILE REFERENCE: GLIS0155
; CURRENT APPLICATION NUMBER: US/10/294,203
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 08/599,738
; PRIOR FILING DATE: 1996-02-12
; PRIOR APPLICATION NUMBER: 10/024,818
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-294-203-10
```

```

Query Match          0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY      276 CTCTTCTCTCTCTCT 291
          |||||
          16 CTTTCTCTCTCTCT 1
```

```

RESULT 1063
US-10-297-068-58
; Sequence 58, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hideo
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HUA TYPES
; FILE REFERENCE: 1314OP1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 58
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:capture
US-10-297-068-58
```

```

Query Match          0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY      408 AGAGGACGCGGCGC 423
          |||||
          3 AGAGGAACGCGCGC 18
```

```

RESULT 1064
US-10-349-143-4491/C
; Sequence 4491, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
```

```
APPLICANT: Chumakov, Ilya
FILE OF INVENTION: Biallelic markers for use in constructing a high density...
SEQUENCE 6225, Application US/10349143
PUBLICATION NO. US2004005584A1
GENERAL INFORMATION:
APPLICANT: Blumenfeld, Marra
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/10349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4491
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-15374 for SEQ 557,
US-10-349-143-4491
```

```
Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 1; Indels 0; Gaps 0;
```

```
QY 1600 AGAAGAGAGATCCT 1615
DB 17 AGAAGCAGAGATCCT 2
```

```
RESULT 1065
US-10-349-143-6225/c
SEQUENCE 6225, Application US/10349143
PUBLICATION NO. US2004005584A1
GENERAL INFORMATION:
APPLICANT: Blumenfeld, Marra
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/10349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6225
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-10201 for SEQ 2291,
US-10-349-143-6225
```

```
Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 2755 ACCTGAGTTCATC 2770
DB 17 AACTGAGTTCATC 2
```

```
RESULT 1066
US-10-435-696-154/c
SEQUENCE 154, Application US/10435566
PUBLICATION NO. US20040018525A1
GENERAL INFORMATION:
APPLICANT: Wirtz, Ralph
APPLICANT: Munnes, Marc
APPLICANT: Kallabis, Harald
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA
FILE REFERENCE: Lea 36 108
CURRENT APPLICATION NUMBER: US/10/435,696
CURRENT FILING DATE: 2003-05-09
PRIOR APPLICATION NUMBER: EP03003112.4
PRIOR FILING DATE: 2003-02-13
PRIOR APPLICATION NUMBER: EP02010291.9
PRIOR FILING DATE: 2002-05-21
NUMBER OF SEQ ID NOS: 314
SOFTWARE: PatentIn version 3.1
SEQ ID NO 154
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-10-435-696-154
```

```
Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 4203 AGGAAGGGCTAGCT 4218
DB 18 AGGAAGGGCTAGCT 3
```

```
RESULT 1067
US-09-791-932-157
SEQUENCE 157, Application US/09791932
PUBLICATION NO. US20030003451A1
GENERAL INFORMATION:
APPLICANT: Vogeli, Gabriel
APPLICANT: Parodi, Luis A.
APPLICANT: Hiesch, Ronald R.
APPLICANT: Lind, Peter
APPLICANT: Kaytes, Paul S.
APPLICANT: Huff, Valerie
APPLICANT: Wood, Linda S.
TITLE OF INVENTION: No. US20030003451A1 G Protein-Coupled Receptors Cross-Refere
FILE REFERENCE: 00325-US1
CURRENT APPLICATION NUMBER: US/09/791,932
CURRENT FILING DATE: 2001-02-23
PRIOR APPLICATION NUMBER: 60/184,305
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/184,304
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/184,303
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/184,397
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/184,247
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/188,880
PRIOR FILING DATE: 2000-03-13
PRIOR APPLICATION NUMBER: 60/217,369
PRIOR FILING DATE: 2000-07-11
PRIOR APPLICATION NUMBER: 60/217,370
PRIOR FILING DATE: 2000-07-11
PRIOR APPLICATION NUMBER: 60/218,492
PRIOR FILING DATE: 2000-07-20
PRIOR APPLICATION NUMBER: 60/186,810
PRIOR FILING DATE: 2000-03-03
```

```
; PRIOR APPLICATION NUMBER: 60/188,064
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: 60/186,457
; PRIOR FILING DATE: 2000-03-02
; PRIOR APPLICATION NUMBER: 60/213,861
; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: 60/194,344
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 60/218,337
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 157
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Primer
US-09-791-932-157
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 8.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1225 ACCAGCAGCTCTCCCC 1240
DB      4 ACCAGCAGCTCTCTCCAC 19
```

```
RESULT 1068
US-10-118-783-11/c
; Sequence 11, Application US/10118783
; Publication No. US20030096255A1
; GENERAL INFORMATION:
; APPLICANT: Felix, Carolyn A.
; APPLICANT: Jones, Douglas H.
; APPLICANT: Rappaport, Eric
; TITLE OF INVENTION: Methods and Kits for Analysis of
; FILE REFERENCE: CHOP-0003 CIP
; CURRENT APPLICATION NUMBER: US/10/118,783
; CURRENT FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 09/026,033
; PRIOR FILING DATE: 1998-02-19
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-118-783-11
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 8.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4937 GCCCCCCCAACATGTAT 4952
DB      16 GCCACCCACATGTAT 1
```

```
RESULT 1069
US-10-349-320-18/c
; Sequence 18, Application US/10349320
; Publication No. US20030190654A1
; GENERAL INFORMATION:
; APPLICANT: Heideneich, Olaf
; TITLE OF INVENTION: DOUBLE-STRANDED RNA (dsRNA) AND METHOD OF USE
; FILE REFERENCE: 20200/2112
; CURRENT APPLICATION NUMBER: US/10/349,320
; CURRENT FILING DATE: 2003-01-22
```

```
; PRIOR APPLICATION NUMBER: DE 102 02 419.7
; PRIOR FILING DATE: 2002-01-22
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-349-320-18
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 8.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      819 CTGGAGGAAGAGACA 834
DB      19 CTGGAGGACGAGACA 4
```

```
RESULT 1070
US-10-339-674-3476
; Sequence 3476, Application US/10339674
; Publication No. US20030204318A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/339,674
; CURRENT FILING DATE: 2003-06-06
; NUMBER OF SEQ ID NOS: 3537
; SOFTWARE: Proprietary
; SEQ ID NO 3476
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Escherichia coli K-12 MG1655 complete genome.
; FEATURE:
; LOCATION: (4580762)...(4580781)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 4602
US-10-339-674-3476
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 8.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3754 GGCTGGCTCTTCAC 3769
DB      1 GGCTGGCTCGTTCAC 16
```

```
RESULT 1071
US-10-339-674-3477
; Sequence 3477, Application US/10339674
; Publication No. US20030204318A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/339,674
; CURRENT FILING DATE: 2003-06-06
; NUMBER OF SEQ ID NOS: 3537
; SOFTWARE: Proprietary
; SEQ ID NO 3477
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Escherichia coli K-12 MG1655 complete genome.
; FEATURE:
; LOCATION: (4580762)...(4580781)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 4601
US-10-339-674-3477
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 19;
```

Best Local Similarity 93.8%; Pred. No. 8.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3754 GGCTGCGCTCCTTCAC 3769

Db 1 GGCTGCGCTCCTTCAC 16

RESULT 1072

US-10-444-925-404
; Sequence 404, Application US/10444925
; Publication No. US20040009946A1
; GENERAL INFORMATION:
; APPLICANT: Lewis, Stephen Patrick
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Wilson, Linda K.
; TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION
; TITLE OF INVENTION: BY RNA INTERFERENCE
; FILE REFERENCE: 200125.441
; CURRENT APPLICATION NUMBER: US/10/444,925
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 404
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA
US-10-444-925-404

Query Match 0.3%; Score 14.4; DB 1; Length 19;

Best Local Similarity 68.8%; Pred. No. 8.2e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 4873 CCGTGTCCGAGTTC 4888

Db 4 CCGUACGAGGUCC 19

RESULT 1073

US-10-382-634-19/c
; Sequence 19, Application US/10382634
; Publication No. US20040038921A1
; GENERAL INFORMATION:
; APPLICANT: Kreutzer, Roald
; TITLE OF INVENTION: Composition and Method for Inhibiting Expression of a Target Gene
; FILE REFERENCE: 20200/2062
; CURRENT APPLICATION NUMBER: US/10/382,634
; CURRENT FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: DE 101 55 280.7
; PRIOR FILING DATE: 2001-10-26
; PRIOR APPLICATION NUMBER: DE 101 58 411.3
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: DE 101 60 151.4
; PRIOR FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: DE 102 30 996.5
; PRIOR FILING DATE: 2002-07-09
; PRIOR APPLICATION NUMBER: PCT/EP02/00152
; PRIOR FILING DATE: 2002-01-09
; PRIOR APPLICATION NUMBER: PCT/EP02/00151
; PRIOR FILING DATE: 2002-01-09
; PRIOR APPLICATION NUMBER: PCT/EP02/11971
; PRIOR FILING DATE: 2002-10-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19
; LENGTH: 19
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: PRIMER
US-10-382-634-19

Query Match 0.3%; Score 14.4; DB 1; Length 19;

Best Local Similarity 93.8%; Pred. No. 8.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 819 CTGAGAGAGAGACA 834

Db 19 CTGAGAGAGAGACA 4

RESULT 1074

US-10-382-248-55/c
; Sequence 55, Application US/10382248
; Publication No. US20040058347A1
; GENERAL INFORMATION:
; APPLICANT: Alebrook, et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-568C
; CURRENT APPLICATION NUMBER: US/10/382,248
; CURRENT FILING DATE: 2003-03-05
; PRIOR APPLICATION NUMBER: 60/366,928
; PRIOR FILING DATE: 2002-03-22
; PRIOR APPLICATION NUMBER: 60/361,974
; PRIOR FILING DATE: 2002-03-06
; PRIOR APPLICATION NUMBER: 60/365,477
; PRIOR FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 60/401,661
; PRIOR FILING DATE: 2002-08-06
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: CuroSeqlet version 0.1
; SEQ ID NO 55
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-382-248-55

Query Match 0.3%; Score 14.4; DB 1; Length 19;

Best Local Similarity 93.8%; Pred. No. 8.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1602 AAGAGAGATCCTGC 1617

Db 16 AAGAGAGAGCTGC 1

RESULT 1075

US-10-665-951-1708
; Sequence 1708, Application US/10665951
; Publication No. US2004018163A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: 400/131 (MBHB02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747

```

; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1708
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-665-951-1708

Query Match          0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 8.2e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      5006 CAGCTGCTGCTGCAGG 5021
DB      3 CAGCTGCTGCTGCAGG 18

RESULT 1076
US-10-665-951-1955/c
; Sequence 1955, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: 400/131 (MBH02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1955
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
```

```

US-10-665-951-1955

Query Match          0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 8.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5006 CAGCTGCTGCTGCAGG 5021
DB      17 CAGCTGCTGCTGCAGG 2

RESULT 1077
US-10-683-990-59/c
; Sequence 59, Application US/10683990
; Publication No. US20040198682A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwigen, James
; APPLICANT: Ueman, Nassim
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Placental Growth Factor
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/134 (02-742-H)
; CURRENT APPLICATION NUMBER: US/10/683,990
; PRIOR FILING DATE: 2003-10-10
; PRIOR APPLICATION NUMBER: PCT/US03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 59
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-683-990-59

Query Match          0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 8.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      273 TCTCTTCTCTCTC 288
DB      17 TCTCTTCTCTCTC 2

RESULT 1078
US-10-683-990-156
; Sequence 156, Application US/10683990
; Publication No. US20040198682A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwigen, James
; APPLICANT: Ueman, Nassim
```



```
FILE REFERENCE: RTS-0097
CURRENT APPLICATION NUMBER: US/09/791,406
CURRENT FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 36
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-406-36
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1406 CACCTTTGAGGTGAAG 1421
Db      16 CACCTATGAGGTGAAG 1
```

```
RESULT 1082
US-09-791-942-51
; Sequence 51, Application US/09791942
; Patent No. US20020147166A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Robert Rothlein
; APPLICANT: Takashi Kei Kishimoto
; APPLICANT: Lex M. Cowseit
; TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
; FILE REFERENCE: RTS-0099
; CURRENT APPLICATION NUMBER: US/09/791,942
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-942-51
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2296 CCTGGAGGCGCAAG 2311
Db      1 CCGGAGGCGCAGAC 16
```

```
RESULT 1083
US-09-993-333-6
; Sequence 6, Application US/09993333
; Patent No. US20020156040A1
; GENERAL INFORMATION:
; APPLICANT: Oberley, Larry Wayne
; APPLICANT: Weydert, Christine J.
; APPLICANT: Smith, Benjamin Barnes
; TITLE OF INVENTION: Reduction of antioxidant enzyme levels in tumor cells using antisense
; FILE REFERENCE: 875.042US1
; CURRENT APPLICATION NUMBER: US/09/993,333
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: US 60/248,328
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
```

```
US-09-993-333-6
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3708 GAGGCTGATCGCGCG 3723
Db      4 GAGGCTCATCGCGCG 19
```

```
RESULT 1084
US-09-906-158-72/c
; Sequence 72, Application US/09906158
; Publication No. US20030078217A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRESSION
; FILE REFERENCE: RTS-0257
; CURRENT APPLICATION NUMBER: US/09/906,158
; CURRENT FILING DATE: 2001-07-14
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-906-158-72
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2729 GAAGACCAAGTCCAG 2744
Db      16 GAAGACCAAGTCCAG 1
```

```
RESULT 1085
US-09-953-047-57/c
; Sequence 57, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyalt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-57
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      435 GAGGGGCTCCGCTCC 450
Db      16 GAGGGGCTCTGCTCC 1
```

```
RESULT 1086
US-09-882-945A-8
; Sequence 8, Application US/09882945A
; Publication No. US20030143535A1
```



```
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Veneri, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-8
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3342 GACCAAGCGCCCAAG 3357
Db      2 GACCAAGCGCCCAAG 17
```

```
RESULT 1087
US-09-974-026-41/C
; Sequence 41, Application US/09974026
; Publication No. US20030194398A1
; GENERAL INFORMATION:
; APPLICANT: Tamburini, Paul P
; APPLICANT: Davis, Gary
; APPLICANT: Delaria, Katherine A
; APPLICANT: Christopher, Marlor W
; APPLICANT: Daniel, Muller K
; TITLE OF INVENTION: Human Btkunin
; FILE REFERENCE: 96-223-22
; CURRENT APPLICATION NUMBER: US/09/974,026
; CURRENT FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: US 09/144,428
; PRIOR FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: PCT/US97/03894
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: US 08/725,251
; PRIOR FILING DATE: 1996-10-04
; PRIOR APPLICATION NUMBER: US 60/019,793
; PRIOR FILING DATE: 1996-06-14
; PRIOR APPLICATION NUMBER: US 60/013,106
; PRIOR FILING DATE: 1996-03-11
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Gene specific DNA sequencing primer.
US-09-974-026-41
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3479 GTCAAGCCCAAGTAC 3494
Db      18 GCAAGGCCCAAGTAC 3
```

RESULT 1088

```
US-10-116-949-73/C
; Sequence 73, Application US/10116949
; Publication No. US20030044911A1
; GENERAL INFORMATION:
; APPLICANT: Lerman, Michael I.
; APPLICANT: Minna, John D.
; APPLICANT: Latif, Farida
; APPLICANT: Wei, Ming-hui
; APPLICANT: Sekido, Yoshitaka
; APPLICANT: Gao, Boning
; APPLICANT: Duh, Fun-Mei
; TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof
; FILE REFERENCE: NIH-05043
; CURRENT APPLICATION NUMBER: US/10/116,949
; CURRENT FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/470,443
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/114,359
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-30
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-116-949-73
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      315 GGAAGTTCTCCGAGC 330
Db      18 GGAAGTTCTCTGCAC 3
```

```
RESULT 1089
US-10-006-366-21/C
; Sequence 21, Application US/10006366
; Publication No. US20030125273A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF MHC CLASS II TRANSCRIPTIVATOR EXPRESSION
; FILE REFERENCE: RTS-0332
; CURRENT APPLICATION NUMBER: US/10/006,366
; CURRENT FILING DATE: 2001-11-05
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-366-21
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      710 GGCATCCGAAGCGTC 725
Db      18 GGCATCCGAAGCGATC 3
```

```
RESULT 1090
US-10-032-585-5855/C
; Sequence 5855, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
```

```

; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Busey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5855
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5855

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3774 TCATCTCTGCGCAGG 3789
Db      19 TCATCTCTGCGCAGG 4

RESULT 1091
US-10-388-263-521/c
; Sequence 521, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowser, Lex M.
; APPLICANT: Cowser, Brenda F.
; APPLICANT: McNeill, John
; APPLICANT: Freiler, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for windows Version 4.0
; SEQ ID NO 521
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-521

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2729 GAAGACCAAGTCCAG 2744
Db      16 GAAGACCAAGTCCAG 1

RESULT 1092
US-10-178-258-27/c
; Sequence 27, Application US/10178258
; Publication No. US20030235913A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEME OXYGENASE 1 EXPRESSION
; FILE REFERENCE: HTS-0010
; CURRENT APPLICATION NUMBER: US/10/178,258
```

```

; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 66
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-178-258-27

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1665 CAGTCTCTGCAGCAGA 1680
Db      19 CAGTCTCTGCAGCAGA 4

RESULT 1093
US-10-178-258-54
; Sequence 54, Application US/10178258
; Publication No. US20030235913A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEME OXYGENASE 1 EXPRESSION
; FILE REFERENCE: HTS-0010
; CURRENT APPLICATION NUMBER: US/10/178,258
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 66
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-178-258-54

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1665 CAGTCTCTGCAGCAGA 1680
Db      2 CAGTCTCTGCAGCAGA 17

RESULT 1094
US-10-349-143-9824/c
; Sequence 9824, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET 020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9824
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
```

LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-7642 for SEQ 1959, in complement
US-10-349-143-9824

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4973 GTCTTCTGCTGCTC 4988
DB 17 GTTTTCTGCTGCTC 2

RESULT 1095
US-10-190-366-30/C
Sequence 30, Application US/10190366
Publication No. US20040006031A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
FILE REFERENCE: PTS-0023
CURRENT APPLICATION NUMBER: US/10/190,366
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 409
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-190-366-30

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 761 CGAGTTTACAGAG 776
DB 16 CGAGTTTACAGAG 1

RESULT 1096
US-10-190-366-227
Sequence 227, Application US/10190366
Publication No. US20040006031A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
FILE REFERENCE: PTS-0023
CURRENT APPLICATION NUMBER: US/10/190,366
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 409
SEQ ID NO 227
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-190-366-227

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 761 CGAGTTTACAGAG 776
DB 5 CGAGTTTACAGAG 20

RESULT 1097

US-10-289-762-4351
Sequence 4351, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4351
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-10-289-762-4351

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1620 AAGCAATATGTTTGG 1635
DB 2 AAGCAATATGTTTGG 17

RESULT 1098
US-10-199-221-35
Sequence 35, Application US/10199221
Publication No. US20040014048A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION
FILE REFERENCE: PTS-0009
CURRENT APPLICATION NUMBER: US/10/199,221
CURRENT FILING DATE: 2002-07-18
NUMBER OF SEQ ID NOS: 101
SEQ ID NO 35
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-221-35

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2695 GACAGATTGATTCT 2710
DB 2 GACAGATTGATTCT 17

RESULT 1099
US-10-199-221-92/C
Sequence 92, Application US/10199221
Publication No. US20040014048A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION
FILE REFERENCE: PTS-0009
CURRENT APPLICATION NUMBER: US/10/199,221
CURRENT FILING DATE: 2002-07-18
NUMBER OF SEQ ID NOS: 101
SEQ ID NO 92
LENGTH: 20
TYPE: DNA

```
; ORGANISM: H. sapiens
; FEATURE:
US-10-199-221-92

Query Match
Best Local Similarity 93.8%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2695 GACAGATTGAGTTTCT 2710
Db 19 GACAGATTGAGCTTCT 4

RESULT 1100
US-10-200-293-56/c
; Sequence 56, Application US/10200293
; Publication No. US20040014699A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRM EXPRESSION
; FILE REFERENCE: PTS-0040
; CURRENT APPLICATION NUMBER: US/10/200,293
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 119
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-200-293-56

Query Match
Best Local Similarity 93.8%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4825 TTCTCCAGTGGAGAGA 4840
Db 16 TTCTCCAGTGGAGAGA 1

RESULT 1101
US-10-200-293-104
; Sequence 104, Application US/10200293
; Publication No. US20040014699A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRM EXPRESSION
; FILE REFERENCE: PTS-0040
; CURRENT APPLICATION NUMBER: US/10/200,293
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 119
; SEQ ID NO 104
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-200-293-104

Query Match
Best Local Similarity 93.8%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4825 TTCTCCAGTGGAGAGA 4840
Db 5 TTCTCCAGTGGAGAGA 20

RESULT 1102
US-10-379-008-15/c
; Sequence 15, Application US/10379008
; Publication No. US20040018511A1
```

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; GENERAL INFORMATION:
; APPLICANT: Cai, Li
; APPLICANT: Taylor, Jerry
; APPLICANT: Smyth, Kerrie-Ann
; APPLICANT: Findelsen, Brian
; APPLICANT: Lehn, Cathi
; APPLICANT: Davis, Scott
; APPLICANT: Davis, Sara
; TITLE OF INVENTION: Quantitative Trait Loci and Somatostatin
; FILE REFERENCE: TAMK:262 12740.0262.NPUS01
; CURRENT APPLICATION NUMBER: US/10/379,008
; CURRENT FILING DATE: 2003-03-04
; PRIOR APPLICATION NUMBER: 60/361,589
; PRIOR FILING DATE: 2002-03-04
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Bovine SST primer
US-10-379-008-15

Query Match
Best Local Similarity 93.8%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1387 CCTCCCTTATCCCTCC 1402
Db 16 CCTCCCTTATCCCTCC 1

RESULT 1103
US-10-210-479-67/c
; Sequence 67, Application US/10210479
; Publication No. US20040023380A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monla
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 6 EXPRESSION
; FILE REFERENCE: RTS-0385
; CURRENT APPLICATION NUMBER: US/10/210,479
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 123
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-479-67

Query Match
Best Local Similarity 93.8%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4900 CGAGTGGGCGAGCCAT 4915
Db 16 CGTGGTGGCGAGCCAT 1

RESULT 1104
US-10-379-747-35/c
; Sequence 35, Application US/10379747
; Publication No. US20040023874A1
; GENERAL INFORMATION:
; APPLICANT: Burgess, Catherine E.;
; APPLICANT: Chant, John S.;
; APPLICANT: Chaudhuri, Amitabha;
; APPLICANT: Edinger, Shlomit R.;
; APPLICANT: Gangoli, Esba A.;
; APPLICANT: Malyankar, Uriel M.;
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; APPLICANT: Miller, Charles E.;
; APPLICANT: Ooi, Chean Eng;
; APPLICANT: Ort, Tatiana A.;
; APPLICANT: Paturajan, Meera ;
; APPLICANT: Rastelli, Luca ;
; APPLICANT: Rieger, Daniel K.;
; APPLICANT: Shinkets, Richard A.;
; APPLICANT: Zehrsen, Bryan D.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-568B
; CURRENT APPLICATION NUMBER: US/10/379,747
; PRIOR FILING DATE: 2003-03-05
; PRIOR APPLICATION NUMBER: 60/365,034
; PRIOR FILING DATE: 2002-03-15
; PRIOR APPLICATION NUMBER: 60/366,420
; PRIOR FILING DATE: 2002-03-21
; PRIOR APPLICATION NUMBER: 60/365,477
; PRIOR FILING DATE: 2002-03-19
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: Curaseqdist version 0.1
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-379-747-35

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 736 TCTTCACCAAGCTGGA 751
DB 20 TCTTCATCAAGCTGGA 5

RESULT 1105
US-10-379-747-38/c
; Sequence 38, Application US/10379747
; Publication No. US20040023874A1
; GENERAL INFORMATION:
; APPLICANT: Burgess, Catherine E.;
; APPLICANT: Chaudhuri, Amitabha ;
; APPLICANT: Edinger, Shlomit R.;
; APPLICANT: Gangoli, Esna A.;
; APPLICANT: Malyankar, Uriel M.;
; APPLICANT: Miller, Charles E.;
; APPLICANT: Ooi, Chean Eng;
; APPLICANT: Ort, Tatiana A.;
; APPLICANT: Paturajan, Meera ;
; APPLICANT: Rastelli, Luca ;
; APPLICANT: Rieger, Daniel K.;
; APPLICANT: Shinkets, Richard A.;
; APPLICANT: Zehrsen, Bryan D.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-568B
; CURRENT APPLICATION NUMBER: US/10/379,747
; PRIOR FILING DATE: 2003-03-05
; PRIOR APPLICATION NUMBER: 60/365,034
; PRIOR FILING DATE: 2002-03-15
; PRIOR APPLICATION NUMBER: 60/366,420
; PRIOR FILING DATE: 2002-03-21
; PRIOR APPLICATION NUMBER: 60/365,477
; PRIOR FILING DATE: 2002-03-19
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: Curaseqdist version 0.1
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
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; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-379-747-38

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 736 TCTTCACCAAGCTGGA 751
DB 20 TCTTCATCAAGCTGGA 5

RESULT 1106
US-10-379-747-41/c
; Sequence 41, Application US/10379747
; Publication No. US20040023874A1
; GENERAL INFORMATION:
; APPLICANT: Burgess, Catherine E.;
; APPLICANT: Chaudhuri, Amitabha ;
; APPLICANT: Edinger, Shlomit R.;
; APPLICANT: Gangoli, Esna A.;
; APPLICANT: Malyankar, Uriel M.;
; APPLICANT: Miller, Charles E.;
; APPLICANT: Ooi, Chean Eng;
; APPLICANT: Ort, Tatiana A.;
; APPLICANT: Paturajan, Meera ;
; APPLICANT: Rastelli, Luca ;
; APPLICANT: Rieger, Daniel K.;
; APPLICANT: Shinkets, Richard A.;
; APPLICANT: Zehrsen, Bryan D.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-568B
; CURRENT APPLICATION NUMBER: US/10/379,747
; PRIOR FILING DATE: 2003-03-05
; PRIOR APPLICATION NUMBER: 60/365,034
; PRIOR FILING DATE: 2002-03-15
; PRIOR APPLICATION NUMBER: 60/366,420
; PRIOR FILING DATE: 2002-03-21
; PRIOR APPLICATION NUMBER: 60/365,477
; PRIOR FILING DATE: 2002-03-19
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: Curaseqdist version 0.1
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-379-747-41
```

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Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 736 TCTTCACCAAGCTGGA 751
DB 20 TCTTCATCAAGCTGGA 5

RESULT 1107
US-10-211-179-29
; Sequence 29, Application US/10211179
; Publication No. US20040023906A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Nicholas W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOTRANSYL PHOSPHATASE ACTIVATOR EXP
; FILE REFERENCE: PUS-0011
; CURRENT APPLICATION NUMBER: US/10/211,179
; PRIOR FILING DATE: 2002-08-01
; NUMBER OF SEQ ID NOS: 119
; SEQ ID NO 29
```

```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-211-179-29

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1176 GAAGTCATCCGACCC 1191
      |||||
Db      3 GAAGTCATCCGACCC 18

RESULT 1108
US-10-630-401-57/c
; Sequence 57, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-57

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      435 GAGGGGCTCCGCTCC 450
      |||||
Db      16 GAGGGGCTCTGCTCC 1

RESULT 1109
US-10-432-101-3/c
; Sequence 3, Application US/10432101
; Publication No. US20040086898A1
; GENERAL INFORMATION:
; APPLICANT: Maruyama, Takaharu
; APPLICANT: Nakamura, Takao
; APPLICANT: Itadani, Hironu
; APPLICANT: Tanaka, Ken-ichi
; TITLE OF INVENTION: GUANOSINE TRIPHOSPHATE (GTP)-BINDING
; TITLE OF INVENTION: PROTEIN-COUPLED RECEPTOR PROTEIN, BG37
; FILE REFERENCE: 14871-088U51
; CURRENT APPLICATION NUMBER: US/10/432,101
; CURRENT FILING DATE: 2003-05-16
; PRIOR APPLICATION NUMBER: PCT/JP01/09512
; PRIOR FILING DATE: 2001-10-30
; PRIOR APPLICATION NUMBER: JP 2000-351741
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: JP 2001-38619
; PRIOR FILING DATE: 2001-02-15
; PRIOR APPLICATION NUMBER: JP 2001-77000
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 20
```

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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificially Synthesized Primer Sequence
US-10-432-101-3

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4061 CAGGACTGCCATGCAG 4076
      |||||
Db      16 CAGGACTGCCATGTAG 1

RESULT 1110
US-10-303-325-74
; Sequence 74, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303,325
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-325-74

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3760 GCTCCTTCACGTCCTC 3775
      |||||
Db      4 GCTCCTTCACGTCCTC 19

RESULT 1111
US-10-303-325-142/c
; Sequence 142, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303,325
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 142
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-303-325-142

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3760 GCTCCTTCACGTCCTC 3775
      |||||
Db      17 GCTCCTTCACGTCCTC 2

RESULT 1112
```

```
US-10-304-125-22/c
; Sequence 22, Application US/10304125
; Publication No. US20040102405A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF SQUALENE SYNTHASE EXPRESSION
; FILE REFERENCE: PTS-0056
; CURRENT APPLICATION NUMBER: US/10/304.125
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 145
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-304-125-22

Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      4835 GAGAGATCTGGCCTCA 4850
DB      17 GAGAGTCTTGCCCTCA 2

RESULT 1113
US-10-304-125-94
; Sequence 94, Application US/10304125
; Publication No. US20040102405A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF SQUALENE SYNTHASE EXPRESSION
; FILE REFERENCE: PTS-0056
; CURRENT APPLICATION NUMBER: US/10/304.125
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 145
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-304-125-94

Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      4835 GAGAGATCTGGCCTCA 4850
DB      4 GAGAGTCTTGCCCTCA 19

RESULT 1114
US-10-316-241-20/c
; Sequence 20, Application US/10316241
; Publication No. US20040110145A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF MALTI EXPRESSION
; FILE REFERENCE: HTS-0091
; CURRENT APPLICATION NUMBER: US/10/316.241
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 73
```

```
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-316-241-20

Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      1132 ACCTGAAGAACTGAC 1147
DB      20 ACCTGAAGAACTGAC 5

RESULT 1115
US-10-316-241-54
; Sequence 54, Application US/10316241
; Publication No. US20040110145A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF MALTI EXPRESSION
; FILE REFERENCE: HTS-0091
; CURRENT APPLICATION NUMBER: US/10/316.241
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-316-241-54

Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      1132 ACCTGAAGAACTGAC 1147
DB      1 ACCTGAAGAACTGAC 16

RESULT 1116
US-10-317-249-40
; Sequence 40, Application US/10317249
; Publication No. US20040110155A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Tamara Balac Sides
; TITLE OF INVENTION: MODULATION OF SLC26A2 EXPRESSION
; FILE REFERENCE: PTS-0460
; CURRENT APPLICATION NUMBER: US/10/317.249
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-317-249-40

Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      4786 TCAGTCTTGGTGG 4801
DB      4 TGAGTCTTGGTGG 19
```

```
RESULT 1117
US-10-317-249-117/c
; Sequence 117, Application US/10317249
; Publication No. US20040110155A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Tamara Balac Sipes
; TITLE OF INVENTION: MODULATION OF SLC26A2 EXPRESSION
; FILE REFERENCE: PTS-0460
; CURRENT APPLICATION NUMBER: US/10/317,249
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 117
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-317-249-117

Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4786 TCACTTCTTGTGGTGG 4801
DB      17 TGAGTCTTGTGGTGG 2

RESULT 1118
US-10-415-463-51
; Sequence 51, Application US/10415463
; Publication No. US20040110705A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
; FILE REFERENCE: RTS-0198
; CURRENT APPLICATION NUMBER: US/10/415,463
; CURRENT FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: 09/702,251
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-415-463-51

Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2296 CCTGGAGGCGAGAAC 2311
DB      1 CCTGGAGGCGAGACAC 16

RESULT 1119
US-10-774-888-35
; Sequence 35, Application US/10774888
; Publication No. US20040127451A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION
; FILE REFERENCE: PTS-0009
; CURRENT APPLICATION NUMBER: US/10/774,888
```

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; CURRENT FILING DATE: 2004-02-09
; PRIOR APPLICATION NUMBER: US/10/199,221
; PRIOR FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 101
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-774-888-35

Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2695 GACAGATTGAGTTCT 2710
DB      2 GACAGATTGAGCTTCT 17

RESULT 1120
US-10-774-888-92/c
; Sequence 92, Application US/10774888
; Publication No. US20040127451A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION
; FILE REFERENCE: PTS-0009
; CURRENT APPLICATION NUMBER: US/10/774,888
; CURRENT FILING DATE: 2004-02-09
; PRIOR APPLICATION NUMBER: US/10/199,221
; PRIOR FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 101
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-774-888-92

Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2695 GACAGATTGAGTTCT 2710
DB      19 GACAGATTGAGCTTCT 4

RESULT 1121
US-10-671-395-54
; Sequence 54, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSMAL PROTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
```


OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-54

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2260 GGTGGGATCTTAA 2275
DB 4 GGTGGGATCTTAA 19

RESULT 1122
US-10-671-395-72
; Sequence 72, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-72

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2260 GGTGGGATCTTAA 2275
DB 5 GGTGGGATCTTAA 20

RESULT 1123
US-10-671-395-1580/c
; Sequence 1580, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1580
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1580

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1534 AGAAATCTGCAGCT 1549
DB 17 AGAAATCTGCAGCT 2

RESULT 1124
US-10-671-395-1700/c
; Sequence 1700, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1700
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1700

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1534 AGAAATCTGCAGCT 1549
DB 16 AGAAATCTGCAGCT 1

RESULT 1125
US-10-619-739-1948/c
; Sequence 1948, Application US/10619739
; Publication No. US20040175719A1
; GENERAL INFORMATION:
; APPLICANT: Christians, Frederick C.
; TITLE OF INVENTION: Synthetic Tag Genes
; FILE REFERENCE: 3502.1
; CURRENT APPLICATION NUMBER: US/10/619,739
; CURRENT FILING DATE: 2003-07-14
; PRIOR APPLICATION NUMBER: 60/395,530
; PRIOR FILING DATE: 2002-07-12
; NUMBER OF SEQ ID NOS: 2068
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1948
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-619-739-1948

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2704 AGTTCACAGTGCTA 2719
DB 16 AGTTCACAGTGCTA 1

RESULT 1126
US-09-802-320A-13/c
; Sequence 13, Application US/09802320A
; Patent No. US20020155446A1

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; GENERAL INFORMATION:
; APPLICANT: Engert, James
; APPLICANT: Vohl, Marie-Claude
; APPLICANT: Brewer, Carl
; APPLICANT: Morgan, Kenneth
; APPLICANT: Gaudet, Daniel
; APPLICANT: Hudson, Thomas
; TITLE OF INVENTION: Very Low Density Lipoprotein Receptor
; FILE REFERENCE: 2825.2001-001
; CURRENT APPLICATION NUMBER: US/09/802.320A
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: 60/187,787
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-802-320A-13

Query Match      0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 9.5e+02;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      5231 GATGGAAGTCTGCGTAC 5248
DB      21 GATGGAAGTCWGGGTAC 4

RESULT 1127
US-09-842-758-108/c
; Sequence 108, Application US/09842758
; GENERAL INFORMATION:
; APPLICANT: Vernet, Corine A. M.
; APPLICANT: Fernandes, Elma R.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Shmkecs, Richard A
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Zerhusen, Bryan D
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Majumder, Kumud
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Padigaru, Murallidhara
; APPLICANT: Patunajan, Meera
; APPLICANT: Burgess, Catherine E
; APPLICANT: Gangoli, Esha A
; APPLICANT: Smithson, Glenda
; APPLICANT: Rastelli, Luca
; APPLICANT: MacDougall, John R
; APPLICANT: Tauplier, Raymond J
; APPLICANT: Grose, William M
; APPLICANT: Edward, Szekeres S
; APPLICANT: Alsobrook II, John P
; TITLE OF INVENTION: No. US20030083244A1 Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 15966-783
; CURRENT APPLICATION NUMBER: US/09/842,758
; PRIOR FILING DATE: 2001-04-25
; PRIOR APPLICATION NUMBER: 60/200,158
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/200,613
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/200,780
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/201,006
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 60/201,007
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 60/201,236
; PRIOR FILING DATE: 2000-05-01
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; PRIOR APPLICATION NUMBER: 60/201,238
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 60/201,186
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 60/201,474
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 60/201,508
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 60/220,591
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: 60/232,678
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: 60/263,217
; PRIOR FILING DATE: 2001-01-22
; PRIOR APPLICATION NUMBER: 60/265,160
; PRIOR FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 113
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 108
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Ag770 Forward
; OTHER INFORMATION: Primer
; US-09-842-758-108

Query Match      0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2583 AGTACGACGACATCA 2598
DB      20 AGTACGACGACGCA 5

RESULT 1128
US-10-005-956-354
; Sequence 354, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; PRIOR FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 354
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
; US-10-005-956-354

Query Match      0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3164 CAGCCACGACCCCATG 3179
DB      6 CAGCCACGACCTCATG 21

RESULT 1129
US-10-005-956-355
; Sequence 355, Application US/10005956
; Publication No. US20030113726A1
```

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; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; PRIOR FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 355
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-355

Query Match          0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3164 CAGCCACGACCCCATG 3179
Db      6 CAGCCACGACCTCATG 21

RESULT 1130
US-10-005-956-356
; Sequence 356, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 356
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-356

Query Match          0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3164 CAGCCACGACCCCATG 3179
Db      6 CAGCCACGACCTCATG 21

RESULT 1131
US-10-005-956-357
; Sequence 357, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
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; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 357
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-357

Query Match          0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3164 CAGCCACGACCCCATG 3179
Db      6 CAGCCACGACCTCATG 21

RESULT 1132
US-10-002-623-305/C
; Sequence 305, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 305
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-305

Query Match          0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2309 AACCATGATCCAAAA 2324
Db      18 AACCATGATCCAAAA 3

RESULT 1133
US-10-002-623-435/C
; Sequence 435, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 435
; LENGTH: 21
```

; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-435

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2309 AACCATCATCCAAAA 2324
Db 18 AACCATGATCCAAAA 3

RESULT 1134
US-10-002-623-469/c
; Sequence 469, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; PRIOR FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 469
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-469

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2309 AACCATCATCCAAAA 2324
Db 18 AACCATGATCCAAAA 3

RESULT 1135
US-10-002-623-484/c
; Sequence 484, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; PRIOR FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 484
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-484

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2309 AACCATCATCCAAAA 2324

Db 18 AACCATGATCCAAAA 3

RESULT 1136
US-10-002-623-662/c
; Sequence 662, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; PRIOR FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 662
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-662

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2309 AACCATCATCCAAAA 2324
Db 18 AACCATGATCCAAAA 3

RESULT 1137
US-10-184-085A-192
; Sequence 192, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Iuecke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; PRIOR FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 192
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-192

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1225 ACCAGAGCTCTCC 1240
Db 4 ACCAGAGCTCTCC 19

RESULT 1138
US-10-408-692-24
; Sequence 24, Application US/10408692
; Publication No. US20030232757A1
; GENERAL INFORMATION:

APPLICANT: Rupar, Mark J.
APPLICANT: Donovan, William P.
APPLICANT: Chu, Chih-Rel
APPLICANT: Pease, Elizabeth
APPLICANT: Tan, Yiping
APPLICANT: Stanley, Annette C.
APPLICANT: Baum, James A.
APPLICANT: Malvar, Thomas M.
TITLE OF INVENTION: COLBERTAN-TOXIC POLYPEPTIDE COMPOSITIONS AND INSECT RESISTANT
FILE REFERENCE: 11792.0164.DVUS01 (MECO:164--1)
CURRENT APPLICATION NUMBER: US/10/408,692
PRIOR FILING DATE: 2003-04-07
PRIOR APPLICATION NUMBER: 09/563,269
PRIOR FILING DATE: 2000-05-03/60/117,240
PRIOR APPLICATION NUMBER: 60/117,240
PRIOR FILING DATE: 1999-05-04
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.2
SEQ ID NO 24
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
US-10-408-692-24

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 2169 CAATACTATATGACA 2164
Db 4 CAATAATATATGACA 19

RESULT 1139
US-10-174-333-108/C
Sequence 108, Application US/10174333
Publication No. US20040029220A1
GENERAL INFORMATION:
APPLICANT: Vernet, Corine A.M.
APPLICANT: Fernandes, Elma R.
APPLICANT: Gerlach, Valerie
APPLICANT: Malyankar, Uriel M.
APPLICANT: Boldog, Ferenc L.
APPLICANT: Zernusen, Bryan D.
APPLICANT: Spytek, Kimberly A.
APPLICANT: Majumder, Kumud
APPLICANT: Tchernev, Velizar T.
APPLICANT: Padigaru, Muralidhara
APPLICANT: Patturajan, Meera
APPLICANT: Burgess, Catherine E.
APPLICANT: Gangolli, Esma A.
APPLICANT: Smithson, Glenda
APPLICANT: Rastelli, Luca
APPLICANT: MacDougall, John R.
APPLICANT: Taupier, Raymond J.
APPLICANT: Grose, William M.
APPLICANT: Szekeres, Edward S.
APPLICANT: Alsobrook, John P.
APPLICANT: Anderson, David W.
APPLICANT: Guo, Xiaojia (Sasha)
APPLICANT: Li, Li
APPLICANT: Zhong, Mei
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 15966-783 CIP1
CURRENT APPLICATION NUMBER: US/10/174,333
PRIOR FILING DATE: 2002-06-18
PRIOR APPLICATION NUMBER: 60/193,664
PRIOR FILING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: 60/194,614
PRIOR FILING DATE: 2000-04-05

PRIOR APPLICATION NUMBER: 60/195,063
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 60/195,066
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 60/195,067
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 60/195,068
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 60/195,069
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 60/195,070
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 60/195,510
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 60/219,855
PRIOR FILING DATE: 2000-07-21
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 186
SOFTWARE: Curaseq1st version 0.1
SEQ ID NO 108
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Ag770 Forward
US-10-174-333-108

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 2583 AGTACGACGACATCA 2598
Db 20 AGTACGACGACAGCA 5

RESULT 1140
US-10-174-333-184/C
Sequence 184, Application US/10174333
Publication No. US20040029220A1
GENERAL INFORMATION:
APPLICANT: Vernet, Corine A.M.
APPLICANT: Fernandes, Elma R.
APPLICANT: Gerlach, Valerie
APPLICANT: Malyankar, Uriel M.
APPLICANT: Boldog, Ferenc L.
APPLICANT: Zernusen, Bryan D.
APPLICANT: Spytek, Kimberly A.
APPLICANT: Majumder, Kumud
APPLICANT: Tchernev, Velizar T.
APPLICANT: Padigaru, Muralidhara
APPLICANT: Patturajan, Meera
APPLICANT: Burgess, Catherine E.
APPLICANT: Gangolli, Esma A.
APPLICANT: Smithson, Glenda
APPLICANT: Rastelli, Luca
APPLICANT: MacDougall, John R.
APPLICANT: Taupier, Raymond J.
APPLICANT: Grose, William M.
APPLICANT: Szekeres, Edward S.
APPLICANT: Alsobrook, John P.
APPLICANT: Anderson, David W.
APPLICANT: Guo, Xiaojia (Sasha)
APPLICANT: Li, Li
APPLICANT: Zhong, Mei
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 15966-783 CIP1
CURRENT APPLICATION NUMBER: US/10/174,333
PRIOR FILING DATE: 2002-06-18
PRIOR APPLICATION NUMBER: 60/193,664
PRIOR FILING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: 60/194,614

```
; PRIOR FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: 60/195,063
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/195,066
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/195,067
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/195,068
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/195,069
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/195,070
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/195,510
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/219,855
; PRIOR FILING DATE: 2000-07-21
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 186
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 184
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-174-333-184
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2583 AGTACCAGCGACATCA 2558
Db      20 AGTACCAGCGACAGCA 5
```

```
RESULT 1141
US-10-702-496-92
; Sequence 92, Application US/10702496
; Publication No. US20040121383A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: Wu, Leeyang
; TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
; FILE REFERENCE: AM101071
; CURRENT APPLICATION NUMBER: US/10/702,496
; PRIOR FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: 60/429,381
; PRIOR FILING DATE: 2002-11-27
; NUMBER OF SEQ ID NOS: 306
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 92
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-702-496-92
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 75.0%; Pred. No. 9.5e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1651 GAGAGGCTTCTGCCA 1666
Db      1 GAGAGGAGUUCUGCA 16
```

```
RESULT 1142
US-10-702-496-103
; Sequence 103, Application US/10702496
; Publication No. US20040121383A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: Wu, Leeyang
; TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
; FILE REFERENCE: AM101071
; CURRENT APPLICATION NUMBER: US/10/702,496
; PRIOR FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: 60/429,381
; PRIOR FILING DATE: 2002-11-27
; NUMBER OF SEQ ID NOS: 306
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 103
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-702-496-103
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```
Query Match          0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2388 CAGAGGCTTCTCTAC 2403
Db      1 CAGAGGCTTCTCTGC 16
```

```
RESULT 1143
US-10-702-496-211
; Sequence 211, Application US/10702496
; Publication No. US20040121383A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: Wu, Leeyang
; TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
; FILE REFERENCE: AM101071
; CURRENT APPLICATION NUMBER: US/10/702,496
; PRIOR FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: 60/429,381
; PRIOR FILING DATE: 2002-11-27
; NUMBER OF SEQ ID NOS: 306
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 211
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-702-496-211
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1651 GAGAGGCTTCTGCCA 1666
Db      1 GAGAGGAGTTCGCCA 16
```

```
RESULT 1144
US-10-702-496-256
; Sequence 256, Application US/10702496
; Publication No. US20040121383A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: Wu, Leeyang
; TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
; FILE REFERENCE: AM101071
; CURRENT APPLICATION NUMBER: US/10/702,496
; CURRENT FILING DATE: 2003-11-07
```

PRIOR APPLICATION NUMBER: 60/429,381
PRIOR FILING DATE: 2002-11-27
NUMBER OF SEQ ID NOS: 306
SOFTWARE: PatentIn version 3.2
SEQ ID NO 256
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-702-496-256

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2388 CAGAAGCTTCTCTAC 2403
Db 3 CAGAAGCTTCTCTAC 18

RESULT 1145
US-10-702-496-257
Sequence 257, Application US/10702496
Publication No. US20040121383A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
FILE REFERENCE: AM101071
CURRENT APPLICATION NUMBER: US/10/702,496
CURRENT FILING DATE: 2003-11-07
PRIOR APPLICATION NUMBER: 60/429,381
PRIOR FILING DATE: 2002-11-27
NUMBER OF SEQ ID NOS: 306
SOFTWARE: PatentIn version 3.2
SEQ ID NO 257
LENGTH: 21
TYPE: RNA
ORGANISM: Homo sapiens
US-10-702-496-257

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 68.8%; Pred. No. 9.5e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 2388 CAGAAGCTTCTCTAC 2403
Db 1 CAGAAGCTTCTCTAC 16

RESULT 1146
US-10-786-720-3836
Sequence 3836, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 2135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 3836
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
US-10-786-720-3836

Query Match 0.3%; Score 14.4; DB 1; Length 21;

Best Local Similarity 81.2%; Pred. No. 9.5e+02;
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 2407 TCGAGAGGAGGAAT 2422
Db 5 UGAGGAGGAGGAAT 20

RESULT 1147
US-10-786-720-4544
Sequence 4544, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 2135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 4544
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
US-10-786-720-4544

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 81.2%; Pred. No. 9.5e+02;
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 2407 TCGAGAGGAGGAAT 2422
Db 5 UGAGGAGGAGGAAT 20

RESULT 1148
US-10-786-720-5276
Sequence 5276, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 2135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 5276
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
US-10-786-720-5276

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 81.2%; Pred. No. 9.5e+02;
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 2407 TCGAGAGGAGGAAT 2422
Db 5 UGAGGAGGAGGAAT 20

RESULT 1149
US-10-786-720-15038/c
Sequence 15038, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:

```

; APPLICANT: Wyeeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15038
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-15038

Query Match      0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1537 AATCTGCGAGCTCAT 1552
      |||||
Db      21 AATCCGACGAGCTCAT 6

RESULT 1150
US-10-786-720-15389/C
; Sequence 15389, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15389
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-15389

Query Match      0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1533 AAGAAATCCTGCGAGC 1548
      |||||
Db      21 AAGCAATCCTGCGAGC 6

RESULT 1151
US-10-786-720-16076/C
; Sequence 16076, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16076
; LENGTH: 21
; TYPE: RNA
```

```

; ORGANISM: RNAI-sense strand
US-10-786-720-16076

Query Match      0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1533 AAGAAATCCTGCGAGC 1548
      |||||
Db      21 AAGCAATCCTGCGAGC 6

RESULT 1152
US-10-786-720-16427/C
; Sequence 16427, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16427
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-16427

Query Match      0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1533 AAGAAATCCTGCGAGC 1548
      |||||
Db      21 AAGCAATCCTGCGAGC 6
```

```

RESULT 1153
US-08-424-550B-708
; Sequence 708, Application US/08424550B
; Publication No. US20020119447A1
; GENERAL INFORMATION:
; APPLICANT: JOHN N. SIMONS
; APPLICANT: TAMU J. PILOT-MATIAS
; APPLICANT: GEORGE J. DAWSON
; APPLICANT: GEORGE G. SCHLAUDER
; APPLICANT: SURESH M. DESAI
; APPLICANT: THOMAS P. LEARY
; APPLICANT: ANTHONY SCOTT MUEHROFF
; APPLICANT: JAMES C. ERKER
; APPLICANT: SHERI L. BUTIK
; APPLICANT: ISA K. MUSHAMMAR
; TITLE OF INVENTION: NON-A, NON-B, NON-C, NON-D, NON-E HEPATITIS
; FILE REFERENCE: REAGENTS AND METHODS FOR THEIR USE
; NUMBER OF SEQUENCES: 716
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: ABBOTT LABORATORIES D377/AP6D
; STREET: 100 ABBOTT PARK ROAD
; CITY: ABBOTT PARK
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
```



```

: APPLICATION NUMBER: US/08/424,5508
: FILING DATE:
: CLASSIFICATION: 435435
: ATTORNEY/AGENT INFORMATION:
: NAME: FOREMSKI, PRISCILLA E.
: REGISTRATION NUMBER: 33,207
: REFERENCE/DOCKET NUMBER: 5527.PC.01
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 708-937-6365
: TELEFAX: 708-938-2623
: INFORMATION FOR SEQ ID NO: 708:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 22 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
: US-08-424-5508-708

Query Match      0.3%  Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 GGGCATGGCATCCGAC 19
    |||||
Db 3 GGGCATGGCATCCGCC 18

RESULT 1154
US-09-839-479-20/c
: Sequence 20, Application US/09839479
: Publication No. US2002003979A1
: GENERAL INFORMATION:
: APPLICANT: Jones, Michael H.
: TITLE OF INVENTION: TRANSCRIPTIONAL REGULATOR
: FILE REFERENCE: 06501-042002
: CURRENT APPLICATION NUMBER: US/09/839,479
: CURRENT FILING DATE: 2001-04-20
: PRIOR APPLICATION NUMBER: US 09/418,710
: PRIOR FILING DATE: 1999-10-15
: PRIOR APPLICATION NUMBER: PCT/JP98/01783
: PRIOR FILING DATE: 1998-04-17
: PRIOR APPLICATION NUMBER: JP 9/310027
: PRIOR FILING DATE: 1997-10-24
: PRIOR APPLICATION NUMBER: JP 9/116570
: PRIOR FILING DATE: 1997-04-18
: NUMBER OF SEQ ID NOS: 72
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 20
: LENGTH: 22
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetically generated primer
US-09-839-479-20

Query Match      0.3%  Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2805 GGAGAAATGAAGAAG 2820
    |||||
Db 21 GGAGAAATGAAGAAG 6

RESULT 1155
US-09-931-836-24
: Sequence 24, Application US/09931836
: Publication No. US20030027249A1
: GENERAL INFORMATION:
: APPLICANT: Desnoyers, Luc
: APPLICANT: Bacon, Dan L.
: APPLICANT: Goddard, Audrey
```

```

: APPLICANT: Godowski, Paul J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Pan, James
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Watanabe, Colin K.
: APPLICANT: Wood, William I.
: APPLICANT: Zhang, Zemin
: TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
: TITLE OF INVENTION: ACIDS ENCODING THE SAME
: FILE REFERENCE: P3030R1C1
: CURRENT APPLICATION NUMBER: US/09/931,836
: CURRENT FILING DATE: 2001-08-16
: PRIOR APPLICATION NUMBER: 60/085579
: PRIOR FILING DATE: 1998-05-15
: PRIOR APPLICATION NUMBER: 60/112514
: PRIOR FILING DATE: 1998-12-15
: PRIOR APPLICATION NUMBER: 60/113300
: PRIOR FILING DATE: 1998-12-22
: PRIOR APPLICATION NUMBER: 60/113430
: PRIOR FILING DATE: 1998-12-23
: PRIOR APPLICATION NUMBER: 60/113605
: PRIOR FILING DATE: 1998-12-23
: PRIOR APPLICATION NUMBER: 60/113621
: PRIOR FILING DATE: 1998-12-23
: PRIOR APPLICATION NUMBER: 60/114140
: PRIOR FILING DATE: 1998-12-23
: PRIOR APPLICATION NUMBER: 60/115552
: PRIOR FILING DATE: 1999-01-12
: PRIOR APPLICATION NUMBER: 60/116843
: PRIOR FILING DATE: 1999-01-22
: PRIOR APPLICATION NUMBER: 60/125774
: PRIOR FILING DATE: 1999-03-23
: PRIOR APPLICATION NUMBER: 60/125778
: PRIOR FILING DATE: 1999-03-23
: PRIOR APPLICATION NUMBER: 60/125826
: PRIOR FILING DATE: 1999-03-24
: PRIOR APPLICATION NUMBER: 60/127035
: PRIOR FILING DATE: 1999-03-31
: PRIOR APPLICATION NUMBER: 60/127706
: PRIOR FILING DATE: 1999-04-05
: PRIOR APPLICATION NUMBER: 60/129122
: PRIOR FILING DATE: 1999-04-13
: PRIOR APPLICATION NUMBER: 60/130359
: PRIOR FILING DATE: 1999-04-21
: PRIOR APPLICATION NUMBER: 60/131270
: PRIOR FILING DATE: 1999-04-27
: PRIOR APPLICATION NUMBER: 60/131272
: PRIOR FILING DATE: 1999-04-27
: PRIOR APPLICATION NUMBER: 60/131291
: PRIOR FILING DATE: 1999-04-27
: PRIOR APPLICATION NUMBER: 60/132371
: PRIOR FILING DATE: 1999-05-04
: PRIOR APPLICATION NUMBER: 60/132379
: PRIOR FILING DATE: 1999-05-04
: PRIOR APPLICATION NUMBER: 60/132383
: PRIOR FILING DATE: 1999-05-04
: PRIOR APPLICATION NUMBER: 60/135750
: PRIOR FILING DATE: 1999-05-25
: PRIOR APPLICATION NUMBER: 60/138166
: PRIOR FILING DATE: 1999-06-08
: PRIOR APPLICATION NUMBER: 60/144791
: PRIOR FILING DATE: 1999-07-20
: PRIOR APPLICATION NUMBER: 60/146970
: PRIOR FILING DATE: 1999-08-03
: PRIOR APPLICATION NUMBER: 60/162506
: PRIOR FILING DATE: 1999-10-29
: PRIOR APPLICATION NUMBER: 09/311832
: PRIOR FILING DATE: 1999-05-14
: PRIOR APPLICATION NUMBER: 09/380142
: PRIOR FILING DATE: 1999-08-25
: PRIOR APPLICATION NUMBER: 09/644848
: PRIOR FILING DATE: 2000-08-22
: PRIOR APPLICATION NUMBER: 09/747259
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```

; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 09/816744
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 09/854208
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 09/854280
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 09/874503
; PRIOR FILING DATE: 2001-06-05
; PRIOR APPLICATION NUMBER: 09/869599
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 09/908,827
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US99/10733
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/US99/28551
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30720
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; PRIOR APPLICATION NUMBER: PCT/US00/05601
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: 2000-03-02
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; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: 2001-08-28
; PRIOR APPLICATION NUMBER: PCT/US01/17800
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: PCT/US01/19692
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: PCT/US01/21066
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 24
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence.
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-09-931-836-24

Query Match          0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5090 AGCTGCTGCTCTTGG 5105
Db      5 AGCTGCTGCTCTTGG 20

RESULT 1156
US-10-036-342-24
; Sequence 24, Application US/10036342
; Publication No. US2002009681A1
; GENERAL INFORMATION:
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
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; APPLICANT: Pan, James
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3030R1C5
; CURRENT APPLICATION NUMBER: US/10/036,342
; CURRENT FILING DATE: 2001-12-26
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
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; PRIOR APPLICATION NUMBER: 09/747259
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 09/816744
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PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 09/854208
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/854280
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/874503
PRIOR FILING DATE: 2001-06-05
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PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/US99/28551
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30720
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PRIOR FILING DATE: 2000-03-02
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PRIOR APPLICATION NUMBER: PCT/US01/19662
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 24
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-036-342-24
Query Match 0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 5090 AGCTGCTGCTCTGG 5105
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Db 5 AGCTGCTGCTCTGG 20
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RESULT 1157
US-10-036-041-24
Sequence 24, Application US/10036041
Publication No. US20020192751A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.

APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3030RIC8
CURRENT FILING DATE: 2001-12-26
PRIOR APPLICATION NUMBER: US/10/036,041
PRIOR FILING DATE: 1998-05-15
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PRIOR FILING DATE: 2000-12-20
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PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 09/854208

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PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/854280
PRIOR FILING DATE: 2001-05-10
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PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 24
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-036-041-24

Query Match          0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5090 AGCTTCCTCTCTGG 5105
DB      5 AGCTTCCTCTCTGG 20

RESULT 1158
US-10-035-855-24
Sequence 24, Application US/10035855
Publication No. US2003008348A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
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APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3030R1C4
CURRENT APPLICATION NUMBER: US/10/035,855
CURRENT FILING DATE: 2001-12-26
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
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PRIOR APPLICATION NUMBER: 09/854208
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/854280
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PRIOR FILING DATE: 2001-05-10
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PRIOR FILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: 09/869599
PRIOR FILING DATE: 2001-06-29
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PRIOR FILING DATE: 2000-03-02
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PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 24
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-035-855-24

Query Match 0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5090 AGCTTGCTTCTTGG 5105
DB 5 AGCTTGCTTCTTGG 20

RESULT 1159
US-10-036-214-24
Sequence 24, Application US/10036214
Publication No. US20030032061A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Goddard, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3030RIC11
CURRENT APPLICATION NUMBER: US/10/036,214
CURRENT FILING DATE: 2001-12-26
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PRIOR APPLICATION NUMBER: 09/854208
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/854280
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/874503

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; PRIOR FILING DATE: 2001-06-05
; PRIOR APPLICATION NUMBER: 09/869599
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; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
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; SEQ ID NO 24
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-036-214-24

Query Match          0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5090 AGCTCTGCTTCCTTGG 5105
      |||||
Db      5 AGCTCTGCTTCCTTGG 20

RESULT 1160
US-10-035-719-24
; Sequence 24, Application US/10035719
; Publication No. US20030036114A1
; GENERAL INFORMATION:
; APPLICANT: Deanoys, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zhenh
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3030R1C2

; CURRENT APPLICATION NUMBER: US/10/035,719
; PRIOR FILING DATE: 2001-12-26
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/112514
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; PRIOR APPLICATION NUMBER: 60/113300
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; PRIOR FILING DATE: 2001-06-05
; PRIOR APPLICATION NUMBER: 09/869599
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PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: PCT/US01/17800
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: PCT/US01/19692
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 24
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-035-719-24
Query Match 0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 5090 AGCTGCTGCTCTGG 5105
DB 5 AGCTGCTGCTCTGG 20
RESULT 1161
US-10-036-160-24
Sequence 24, Application US/10036160
Publication No. US20030044842A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Bacon, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gutney, Aubelin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3030R1C3
CURRENT APPLICATION NUMBER: US/10/036,160
CURRENT FILING DATE: 2001-12-26

PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/112514
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PRIOR FILING DATE: 2001-03-22
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PRIOR APPLICATION NUMBER: 09/869599
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 09/908,827

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; PRIOR FILING DATE: 2001-07-18
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; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 80
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; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
;
; US-10-036-160-24
;
Query Match      0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
QY      5090 AGCTGCTCTCTCTGG 5105
;
Db      5 AGCTGCTCTCTCTGG 20
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RESULT 1162
US-10-035-958-24
; Sequence 24, Application US/10035958
; Publication No. US20030049733A1
; GENERAL INFORMATION:
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zhenlin
; TITLE OF INVENTION: SECURED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3030R1C7
; CURRENT APPLICATION NUMBER: US/10/035,958
; PRIOR FILING DATE: 2001-12-26
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
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; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 09/908,827
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US99/10733
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PRIOR FILING DATE: 1999-12-02
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PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 24
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-035-958-24

Query Match 0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 5090 AGCTGCTGCTCTGG 5105
Db 5 AGCTGCTGCTCTGG 20
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RESULT 1163
US-10-036-150-24
Sequence 24, Application US/10036150
Publication No. US20030049734A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3030R1C9
CURRENT APPLICATION NUMBER: US/10/036.150
PRIOR FILING DATE: 2001-12-26
PRIOR APPLICATION NUMBER: 60/085579
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PRIOR APPLICATION NUMBER: 09/908.827
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PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 24
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-036-150-24

Query Match 0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5090 AGCTGCTGCTCTGG 5105
DB 5 AGCTGCTGCTCTGG 20

RESULT 1164
US-10-036-063-24
Sequence 24, Application US/10036063
Publication No. US20030092063A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gunney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3030R1C6
CURRENT APPLICATION NUMBER: US/10/036,063
PRIOR FILING DATE: 2001-12-26
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PRIOR APPLICATION NUMBER: 60/114140
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/115552
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/116843
PRIOR FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 60/125774
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/125778
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/125826
PRIOR FILING DATE: 1999-03-24
PRIOR APPLICATION NUMBER: 60/127035
PRIOR FILING DATE: 1999-03-31
PRIOR APPLICATION NUMBER: 60/127706
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 60/129122
PRIOR FILING DATE: 1999-04-13
PRIOR APPLICATION NUMBER: 60/130359
PRIOR FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: 60/131270
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131272
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131291
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/132371
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/132379
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/132383
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/135750
PRIOR FILING DATE: 1999-05-25
PRIOR APPLICATION NUMBER: 60/138166
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/144791
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/146970
PRIOR FILING DATE: 1999-08-03
PRIOR APPLICATION NUMBER: 60/162506
PRIOR FILING DATE: 1999-10-29
PRIOR APPLICATION NUMBER: 09/311832
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 09/380142
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/644848
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 09/747259
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: 09/816744
PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 09/854208
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/854280
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/874503
PRIOR FILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: 09/869599
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 09/908,827
PRIOR FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US99/10733
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/US99/28551
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30720

PRIOR FILING DATE: 1999-12-22
PRIOR APPLICATION NUMBER: PCT/US00/05601
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US00/15264
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: PCT/US00/23522
PRIOR FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: PCT/US00/23328
PRIOR FILING DATE: 2000-08-24
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: PCT/US00/34956
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: PCT/US01/17800
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: PCT/US01/19692
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 24
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-036-063-24

Query Match 0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5090 AGCTGCTGCTCTGG 5105
DB 5 AGCTGCTGCTCTGG 20

RESULT 1165
US-10-296-995-88
Sequence 88, Application US/10296995
Publication No. US20030124601A1
GENERAL INFORMATION:
APPLICANT: Otsuka Pharmaceutical Factory Inc.
TITLE OF INVENTION: A method for detecting human P450 molecular species and a probe
FILE REFERENCE: P01-38
CURRENT APPLICATION NUMBER: US/10/296,995
PRIOR FILING DATE: 2002-12-02
PRIOR APPLICATION NUMBER: 2000-164214
PRIOR FILING DATE: 2000-06-01
NUMBER OF SEQ ID NOS: 105
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 88
LENGTH: 22
TYPE: DNA
ORGANISM: human P450 CYP17 gene
US-10-296-995-88

Query Match 0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1878 AGTGAAGAGAGTGGC 1893
DB 5 AATGAAGAGAGTGGC 20

RESULT 1166
US-10-035-977-24
Sequence 24, Application US/10035977
Publication No. US20030134327A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3030R1C10
CURRENT APPLICATION NUMBER: US/10/035,977
PRIOR FILING DATE: 2001-12-26
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/112514
PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: 60/113300
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/113430
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113605
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113621
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/114140
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/115552
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/116843
PRIOR FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 60/125774
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/125778
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/125826
PRIOR FILING DATE: 1999-03-24
PRIOR APPLICATION NUMBER: 60/127035
PRIOR FILING DATE: 1999-03-31
PRIOR APPLICATION NUMBER: 60/127706
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 60/129122
PRIOR FILING DATE: 1999-04-13
PRIOR APPLICATION NUMBER: 60/130359
PRIOR FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: 60/131270
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131272
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131291
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/132371
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/132379
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/132383
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/135750
PRIOR FILING DATE: 1999-05-25
PRIOR APPLICATION NUMBER: 60/138166
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/144791
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/146970

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; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/162506
; PRIOR FILING DATE: 1999-10-29
; PRIOR APPLICATION NUMBER: 09/311832
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 09/380142
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 08/644848
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 09/747259
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 09/816744
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 09/854208
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 09/854280
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 09/874503
; PRIOR FILING DATE: 2001-06-05
; PRIOR APPLICATION NUMBER: 09/869599
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 09/908,827
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US99/10733
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/US99/28551
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30720
; PRIOR FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: PCT/US00/05601
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: 2000-03-02
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: PCT/US00/15264
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23228
; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: PCT/US00/34956
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: PCT/US01/17800
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: PCT/US01/19692
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: PCT/US01/21066
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 24
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-035-977-24

```

```

Query Match      0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY      5090 AGCTGCTCTCTCTGG 5105
Db      5 AGCTGCTCTCTCTGG 20

```

```

RESULT 1167
US-10-376-537-20/c
; Sequence 20, Application US/10376537
; Publication No. US2003022405A1
; GENERAL INFORMATION:
; APPLICANT: Jones, Michael H.
; TITLE OF INVENTION: TRANSCRIPTIONAL REGULATOR
; FILE REFERENCE: 06501-042001
; CURRENT APPLICATION NUMBER: US/10/376,537
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US/09/418,710
; PRIOR FILING DATE: 1999-10-15
; PRIOR APPLICATION NUMBER: PCT/JP98/01783
; PRIOR FILING DATE: 1998-04-17
; PRIOR APPLICATION NUMBER: JP 9/310027
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: JP 9/116570
; PRIOR FILING DATE: 1997-04-18
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated primer
US-10-376-537-20

```

```

Query Match      0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY      2805 GGAGAAATGACAGAG 2820
Db      21 GGAGAAATGACAGAG 6

```

```

RESULT 1168
US-10-313-963A-35/c
; Sequence 35, Application US/10313963A
; Publication No. US2004002078A1
; GENERAL INFORMATION:
; APPLICANT: Boutell, Jonathan
; APPLICANT: Godber, Benjamin
; APPLICANT: Hart, Darren
; APPLICANT: Blackburn, Jonathan
; TITLE OF INVENTION: Arrays
; FILE REFERENCE: KIL-001
; CURRENT APPLICATION NUMBER: US/10/313,963A
; CURRENT FILING DATE: 2003-06-19
; PRIOR APPLICATION NUMBER: US 60/335,806
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/410,815
; PRIOR FILING DATE: 2002-09-16
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-313-963A-35

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```

Query Match      0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY      2552 CCTGTGACACGTGTG 2567
Db      16 CCTGTGACACGTGTG 1

```

```
RESULT 1169
US-10-702-148-20/c
; Sequence 20, Application US/10702148
; Publication No. US20040063145A1
; GENERAL INFORMATION:
; APPLICANT: Jones, Michael H.
; TITLE OF INVENTION: TRANSCRIPTIONAL REGULATOR
; FILE REFERENCE: 06501-042002
; CURRENT APPLICATION NUMBER: US/10/702,148
; CURRENT FILING DATE: 2003-11-05
; PRIOR APPLICATION NUMBER: PRIOR APPLICATION NUMBER: US/09/839,479
; PRIOR FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: US 09/418,710
; PRIOR FILING DATE: 1999-10-15
; PRIOR APPLICATION NUMBER: PCT/JP98/01783
; PRIOR FILING DATE: 1998-04-17
; PRIOR APPLICATION NUMBER: JP 9/310027
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: JP 9/116570
; PRIOR FILING DATE: 1997-04-18
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated primer
US-10-702-148-20

Query Match      0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY      2805 GGAGAAATGAGAG 2820
Db      21 GGAGAAATGAGAG 6

RESULT 1170
US-09-910-469-132/c
; Sequence 132, Application US/09910469
; Publication No. US20030175702A1
; GENERAL INFORMATION:
; APPLICANT: Schweitzer, Markus
; APPLICANT: Anderson, Richard R.
; APPLICANT: Mueller, Jochen
; APPLICANT: Flechner, Michael
; APPLICANT: Bruecher, Christoph
; APPLICANT: Kienle, Stefan
; APPLICANT: Orwick, Jill
; APPLICANT: Pignot, Marc
; APPLICANT: Radatz, Stefan
; APPLICANT: Schneider, Eberhard
; APPLICANT: Windhab, No. US20030175702A1bert
; TITLE OF INVENTION: Sorting and Immobilization System for Nucleic Acids Using Synthe
; FILE REFERENCE: 264/217 Nanogen Recognomics
; CURRENT APPLICATION NUMBER: US/09/910,469
; CURRENT FILING DATE: 2001-07-19
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 132
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Test nucleic acid sequence
US-09-910-469-132
```

```
Query Match      0.3%; Score 14.4; DB 1; Length 32;
Best Local Similarity 65.6%; Pred. No. 1.5e+03;
Matches 21; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

CY      4410 ATGATATATATATATATATATATATATATG 4441
Db      32 ACATTATATATATATATATATATATATATTTG 1

RESULT 1171
US-09-910-469-152/c
; Sequence 152, Application US/09910469
; Publication No. US20030175702A1
; GENERAL INFORMATION:
; APPLICANT: Schweitzer, Markus
; APPLICANT: Anderson, Richard R.
; APPLICANT: Mueller, Jochen
; APPLICANT: Flechner, Michael
; APPLICANT: Bruecher, Christoph
; APPLICANT: Kienle, Stefan
; APPLICANT: Orwick, Jill
; APPLICANT: Pignot, Marc
; APPLICANT: Radatz, Stefan
; APPLICANT: Schneider, Eberhard
; APPLICANT: Windhab, No. US20030175702A1bert
; TITLE OF INVENTION: Sorting and Immobilization System for Nucleic Acids Using Synthe
; FILE REFERENCE: 264/217 Nanogen Recognomics
; CURRENT APPLICATION NUMBER: US/09/910,469
; CURRENT FILING DATE: 2001-07-19
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 152
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Test nucleic acid sequence
US-09-910-469-152

Query Match      0.3%; Score 14.4; DB 1; Length 32;
Best Local Similarity 65.6%; Pred. No. 1.5e+03;
Matches 21; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

CY      4410 ATGATATATATATATATATATATATATATG 4441
Db      32 ACATTATATATATATATATATATATATATTTG 1

RESULT 1172
US-09-910-469-162/c
; Sequence 162, Application US/09910469
; Publication No. US20030175702A1
; GENERAL INFORMATION:
; APPLICANT: Schweitzer, Markus
; APPLICANT: Anderson, Richard R.
; APPLICANT: Mueller, Jochen
; APPLICANT: Flechner, Michael
; APPLICANT: Bruecher, Christoph
; APPLICANT: Kienle, Stefan
; APPLICANT: Orwick, Jill
; APPLICANT: Pignot, Marc
; APPLICANT: Radatz, Stefan
; APPLICANT: Schneider, Eberhard
; APPLICANT: Windhab, No. US20030175702A1bert
; TITLE OF INVENTION: Sorting and Immobilization System for Nucleic Acids Using Synthe
; FILE REFERENCE: 264/217 Nanogen Recognomics
; CURRENT APPLICATION NUMBER: US/09/910,469
; CURRENT FILING DATE: 2001-07-19
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 162
```

```
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Test nucleic acid sequence
; NAME/KEY: modified base
; LOCATION: (32)..(32)
; OTHER INFORMATION: Cy3 dye
US-09-910-469-162
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 32;
Best Local Similarity 65.6%; Pred. No. 1.5e+03;
Matches 21; Conservative 0; Mismatches 11; Indels 0; Gaps 0;
```

```
QY      4410 ATAGATATATATATATATATATATATATATATATG 4441
Db      32 ACATTATATATATATATATATATATATATATTTG 1
```

```
RESULT 1173
US-09-834-722-4/c
; Sequence 4, Application US/09834722
; Patent No. US2002010263A1
; GENERAL INFORMATION:
; APPLICANT: Farwick, Mike
; APPLICANT: Huttmacher, Klaus
; APPLICANT: Marx, Achim
; APPLICANT: Pfeifferle, Walter
; TITLE OF INVENTION: New Nucleotide Sequences Which Code for the menf Gene
; FILE REFERENCE: 21123/280112
; CURRENT APPLICATION NUMBER: US/09/834,722
; CURRENT FILING DATE: 2001-04-16
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: PCR primer
US-09-834-722-4
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      2984 GGCCACAGAAACGACGCTG 3002
Db      19 GGCTACAGAAATGCACCTG 1
```

```
RESULT 1174
US-09-901-484A-435
; Sequence 435, Application US/09901484A
; Patent No. US20020119460A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate Cancer Gene
; FILE REFERENCE: GEN-T11XC3D2
; CURRENT APPLICATION NUMBER: US/09/901,484A
; CURRENT FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: US 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: US 09/218,207
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: US 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: US 09/853,526
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 578
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; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 435
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: potential microsequencing oligo for 4-38-63.misl
US-09-901-484A-435
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      2145 AGTGAAGAACTCAGGC 2163
Db      1 AGTTATAGAAATCAGGC 19
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RESULT 1175
US-09-969-373-2206
; Sequence 2206, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 2206
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-2206
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```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

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QY      266 CCCCTCTCTCTCTCTC 284
Db      1 CCCACTGTCTCTCTCTC 19
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RESULT 1176
US-09-853-526-435
; Sequence 435, Application US/09853526
; Patent No. US20020165345A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18C1CP
; CURRENT APPLICATION NUMBER: US/09/853,526
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 09/218,207
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; PRIOR FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 435
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 4-38-63.misl
US-09-853-526-435

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2145 AGTGAAGAAAGAACTCAGCC 2163
DB      1 AGTTATAAGAAATCAGCC 19

RESULT 1177
US-09-943-416A-10
; Sequence 10, Application US/09943416A
; Publication No. US20030082549A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Xiangjun
; TITLE OF INVENTION: METHOD FOR DETERMINING ALLELES
; FILE REFERENCE: 034928/0112
; CURRENT APPLICATION NUMBER: US/09/943,416A
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 60/228,994
; PRIOR FILING DATE: 2000-08-30
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Probe
US-09-943-416A-10

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1358 GCACGAGGCTCTGAGTCT 1376
DB      1 GCAGAGGCTCGAGATAT 19

RESULT 1178
US-09-825-155-5/c
; Sequence 5, Application US/09825155
; Publication No. US20030100032A1
; GENERAL INFORMATION:
; APPLICANT: Altaba, Ariel Ruiz1
; TITLE OF INVENTION: METHODS AND MATERIALS FOR THE DIAGNOSIS AND TREATMENT
; FILE REFERENCE: 1049-1-008N
; CURRENT APPLICATION NUMBER: US/09/825,155
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 09/102,491
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/050,286
; PRIOR FILING DATE: 1997-06-20
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
```

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-825-155-5

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1886 GGAGTGGCTGAGATCTTC 1904
DB      19 GGAGTTCTCGAGATCTTC 1

RESULT 1179
US-10-032-242A-5/c
; Sequence 5, Application US/10032242A
; Publication No. US20020155474A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Hall, Stephanie
; APPLICANT: Milos, Patrice
; APPLICANT: Seymour, Albert
; TITLE OF INVENTION: Methods and Reagents For Detecting Increased Risk Of Developing
; FILE REFERENCE: PC10264AK
; CURRENT APPLICATION NUMBER: US/10/032,242A
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/258034
; PRIOR FILING DATE: 2000-12-22
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-032-242A-5

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1591 TCGAAGCAGAGAGAGAA 1609
DB      19 TGAAGACGCGAGGAGAGAA 1

RESULT 1180
US-10-219-616-15/c
; Sequence 15, Application US/10219616
; Publication No. US2003009937A1
; GENERAL INFORMATION:
; APPLICANT: Law, Simon W.
; TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION
; FILE REFERENCE: 12251-017001
; CURRENT APPLICATION NUMBER: US/10/219,616
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/312,443
; PRIOR FILING DATE: 2001-08-15
; PRIOR APPLICATION NUMBER: US 60/338,523
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: US 60/373,364
; PRIOR FILING DATE: 2002-04-16
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated oligonucleotide
US-10-219-616-15
```

OY	1228 AGCAGCTCTCCCGGGCCT	1246
DB	19 AGCCGCTGCCCCAGGCCT	1
RESULT 1181		
US-10-100-608B-22		
; Sequence 22, Application US/10100608B		
; Publication No. US20030104412A1		
; GENERAL INFORMATION:		
APPLICANT: Heiskala, Marja		
TITLE OF INVENTION: REG-LIKE PROTEIN		
FILE REFERENCE: CDS-261		
CURRENT APPLICATION NUMBER: US/10/100,608B		
CURRENT FILING DATE: 2002-09-10		
PRIOR APPLICATION NUMBER: 60/276,414		
PRIOR FILING DATE: 2002-03-16		
NUMBER OF SEQ ID NOS: 45		
SOFTWARE: PatentIn version 3.1		
SEQ ID NO 22		
LENGTH: 19		
TYPE: DNA		
ORGANISM: primer		
US-10-100-608B-22		
Query Match		
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 19;		
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0.		
OY	2806 GAGAAATGAGAAGCAAG	2824
DB	1 GAGACACTGAAGAAGCAG	19
RESULT 1182		
US-10-005-956-98/c		
; Sequence 98, Application US/10005956		
; Publication No. US20030113726A1		
GENERAL INFORMATION:		
APPLICANT: Bristol-Myers Squibb Company		
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS		
FILE REFERENCE: D0053NP		
CURRENT APPLICATION NUMBER: US/10/005,956		
CURRENT FILING DATE: 2001-12-03		
PRIOR APPLICATION NUMBER: 60/251,015		
PRIOR FILING DATE: 2000-12-04		
PRIOR APPLICATION NUMBER: 60/263,678		
PRIOR FILING DATE: 2001-01-23		
PRIOR APPLICATION NUMBER: 60/273,037		
PRIOR FILING DATE: 2001-03-02		
NUMBER OF SEQ ID NOS: 1579		
SOFTWARE: PatentIn version 3.0		
SEQ ID NO 98		
LENGTH: 19		
TYPE: DNA		
ORGANISM: homo sapiens		
US-10-005-956-98		
Query Match		
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 19;		
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0.		
OY	2564 GGTGTGTCAGTCTTAAGC	2582
DB	19 GCTGTGTCAGTCTCATGCC	1
RESULT 1183		
US-10-224-005-19		

```

; Sequence 19 Application US/10224005
; Publication No. US20030143732A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: MCSwiggan, James
TITLE OF INVENTION: RNA interference Mediated Inhibition of Adenosine A1 Receptor (A1)
FILE REFERENCE: 900/041 (MBHB01-1110-A)
CURRENT APPLICATION NUMBER: US/10/224,005
PRIOR FILING DATE: 2002-08-20
PRIOR APPLICATION NUMBER: US 60/315,315
NUMBER OF SEQ ID NOS: 347
SOFTWARE: PatentIn version 3.0
SEQ ID NO 19
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-224-005-180

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      3395 GACACCTCCGCGCCAGCCG 3413
        |||:|||||
DB       1 GACCCCTGCCGCGCCAGCAG 1

RESULT 1185
US-10-080-381B-32
; Sequence 32, Application US/10080381B
; Publication No. US20030148421A1
GENERAL INFORMATION:
APPLICANT: NEMEGARD, CHRISTIPHER B.
APPLICANT: JENSEN, PER BO

```


TITLE OF INVENTION: GENE PRODUCTS THAT REGULATE GLUCOSE RESPONSE IN CELLS
FILE REFERENCE: US/10-080,381B
CURRENT APPLICATION NUMBER: US/10-080,381B
CURRENT FILING DATE: 2002-02-19
PRIOR APPLICATION NUMBER: 60/291,354
PRIOR FILING DATE: 2001-05-15
PRIOR APPLICATION NUMBER: 60/274,706
PRIOR FILING DATE: 2001-03-09
PRIOR APPLICATION NUMBER: 60/270,251
PRIOR FILING DATE: 2001-02-20
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO: 32
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-080-381B-32

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1908 CACTCCCTGCAAGAAATCA 1926
Db 1 CACTCCCTGCAAGAACTCA 19

RESULT 1186
US-10-127-890-92/c
Sequence 92, Application US/10127890
Publication No. US20030166196A1
GENERAL INFORMATION:
APPLICANT: Carter, Marc D.
Carroll, Stephen F.
Studnika, Gary M.
TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
Proteins
NUMBER OF SEQUENCES: 173
CORRESPONDENCE ADDRESS:
ADDRESSEE: McAndrews, Held & Malloy, Ltd.
STREET: 500 West Madison Street, 34th floor
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60661
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/127,890
FILING DATE: 23-Apr-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/646,360
FILING DATE: 13-MAY-1996
APPLICATION NUMBER: PCT/US94/05348
FILING DATE: 12-MAY-1994
APPLICATION NUMBER: US 08/064,691
FILING DATE: 12-MAY-1993
APPLICATION NUMBER: US 07/988,430
FILING DATE: 09-DEC-1992
APPLICATION NUMBER: US 07/901,707
FILING DATE: 19-JUN-1992
APPLICATION NUMBER: US 07/787,567
FILING DATE: 04-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: McNicholas, Janet M.
REGISTRATION NUMBER: 32,918

REFERENCE/DOCKET NUMBER: 200-70.P4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/707-8889
TELEFAX: 312/707-9155
TELEX: 650 388-1248
INFORMATION FOR SEQ ID NO: 92:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 92:
US-10-127-890-92

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2527 ACCGAGCTCTGTGAAGTC 2545
Db 19 ACTGAGTCATCTGATGTC 1

RESULT 1187
US-10-251-117-119
Sequence 119, Application US/10251117
Publication No. US20030170891A1
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
FILE REFERENCE: 900/042 (MHB02-468-A)
CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR FILING DATE: 2001-07-25
PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
SOFTWARE: Patent In version 3.0
SEQ ID NO: 119
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-251-117-119

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 57.9%; Pred. No. 8.9e+02;
Matches 11; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Oy 2868 CTGAAGCCATTATCTCTG 2886
Db 1 CUGACGUCACUACUCUCUG 19

RESULT 1188
US-10-251-117-368/c
Sequence 368, Application US/10251117
Publication No. US20030170891A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor

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; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; PRIOR FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/339,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 368
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-368

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2868 CTGAGCCGCTATCTCTG 2886
DB      19 CTGACGTCATCATCTCTG 1

RESULT 1189
US-10-225-023-466/C
; Sequence 466, Application US/10225023
; Publication No. US20030175950A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA interference Mediated Inhibition of HIV Gene Expression Using
; FILE REFERENCE: 400/054 (MBHB01-665-B)
; CURRENT APPLICATION NUMBER: US/10/225,023
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 10/157,580
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 1494
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 466
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-225-023-466

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      265 CCCCCCTCTCTCTTCT 283
DB      19 CACCACTCTCTCTTCT 1

RESULT 1190
US-10-225-023-1204
; Sequence 1204, Application US/10225023
```

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; Publication No. US20030175950A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA interference Mediated Inhibition of HIV Gene Expression Using
; FILE REFERENCE: 400/054 (MBHB01-665-B)
; CURRENT APPLICATION NUMBER: US/10/225,023
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 10/157,580
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 1494
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1204
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-225-023-1204

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 47.4%; Pred. No. 8.9e+02;
Matches 9; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY      265 CCCCCCTCTCTCTTCT 283
DB      1 CACCACTCTCTCTTCT 19

RESULT 1191
US-10-428-826-53
; Sequence 53, Application US/10428826
; Publication No. US20030186225A1
; GENERAL INFORMATION:
; APPLICANT: PAUL DR, PREM S
; APPLICANT: ZHANG, YANJIN
; TITLE OF INVENTION: PROTEINS ENCODED BY POLYNUCLEIC ACIDS OF PORCINE
; FILE REFERENCE: 8199-0005-55XICP WO
; CURRENT APPLICATION NUMBER: US/10/428,826
; CURRENT FILING DATE: 2003-05-05
; PRIOR APPLICATION NUMBER: US/09/601,326
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/02630
; PRIOR FILING DATE: 1999-04-19
; PRIOR APPLICATION NUMBER: US 09/019,793
; PRIOR FILING DATE: 1998-02-06
; PRIOR APPLICATION NUMBER: US 08/478,316
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/301,435
; PRIOR FILING DATE: 1994-09-01
; PRIOR APPLICATION NUMBER: US 08/131,625
; PRIOR FILING DATE: 1993-10-05
; PRIOR APPLICATION NUMBER: US 07/969,071
; PRIOR FILING DATE: 1992-10-30
; NUMBER OF SEQ ID NOS: 175
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 53
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-10-428-826-53

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

OY 5208 GGAATGACCCACATTC 5226
Db 1 GGAATTCACCGCATTC 19

RESULT 1192
US-10-204-884-8
; Sequence 8, Application US/10204884
; Publication No. US20030186371A1
; GENERAL INFORMATION:
; APPLICANT: Oxagen Limited
; APPLICANT: Olaveson, Mark
; APPLICANT: Lench, Nick
; APPLICANT: Allen, Maxine
; APPLICANT: Tazi-Ahmini, Rachid
; TITLE OF INVENTION: Test and model for inflammatory disease
; FILE REFERENCE: P30000WO-PS
; CURRENT APPLICATION NUMBER: US/10/204,884
; PRIOR FILING DATE: 2003-01-29
; PRIOR APPLICATION NUMBER: GB 0004312.5
; PRIOR FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 189
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-204-884-8

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4523 GAGCTGAGCTTGGCCAC 4541
Db 1 GAGCTGAGCTTGGCCAC 19

RESULT 1193
US-10-204-884-70
; Sequence 70, Application US/10204884
; Publication No. US20030186371A1
; GENERAL INFORMATION:
; APPLICANT: Oxagen Limited
; APPLICANT: Olaveson, Mark
; APPLICANT: Lench, Nick
; APPLICANT: Allen, Maxine
; APPLICANT: Tazi-Ahmini, Rachid
; TITLE OF INVENTION: Test and model for inflammatory disease
; FILE REFERENCE: P30000WO-PS
; CURRENT APPLICATION NUMBER: US/10/204,884
; PRIOR FILING DATE: 2003-01-29
; PRIOR APPLICATION NUMBER: GB 0004312.5
; PRIOR FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 189
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 70
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-204-884-70

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4523 GAGCTGAGCTTGGCCAC 4541
|||||

Db 1 GAGCTGAGCTTGGCCAC 19

RESULT 1194
US-10-400-382-299/c
; Sequence 299, Application US/10400382
; Publication No. US20030190659A1
; GENERAL INFORMATION:
; APPLICANT: Lacasse, Eric
; APPLICANT: McManus, Daniel
; APPLICANT: Durkin, Jonathan P.
; TITLE OF INVENTION: Antisense IAP Nucleobase Oligomers and
; FILE REFERENCE: 07891/025004
; CURRENT APPLICATION NUMBER: US/10/400,382
; PRIOR FILING DATE: 2003-03-27
; PRIOR APPLICATION NUMBER: US 60/367,853
; PRIOR FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 299
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens.
US-10-400-382-299

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1948 TCGCATCCACAGCTCTG 1966
Db 19 TCGCATCCACAGCTCTCG 1

RESULT 1195
US-10-424-233-63/c
; Sequence 63, Application US/10424233
; Publication No. US20030220263A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: NOVEL HUMAN LIGAND-RICH REPEAT-CONTAINING PROTEINS SPECIFICALLY
; FILE REFERENCE: D0233 NP
; CURRENT APPLICATION NUMBER: US/10/424,233
; PRIOR FILING DATE: 2003-04-25
; PRIOR APPLICATION NUMBER: U.S. 60/375,335
; PRIOR FILING DATE: 2002-04-25
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 63
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-424-233-63

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4752 TGGCTAGCTGAGAGCAG 4770
Db 19 TGGTTGGTTGAGAGCAG 1

RESULT 1196
US-10-340-189-66/c
; Sequence 66, Application US/10340189
; Publication No. US20030229207A1
; GENERAL INFORMATION:
; APPLICANT: Studnicka, Gary M.

```
; TITLE OF INVENTION: Modified Antibody Variable Domains
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McAndrews, Held & Malloy, Ltd.
; STREET: 500 W. Madison Street, 34th Floor
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60661
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/340.189
; FILING DATE: 10-Jan-2003
; CLASSIFICATION: 530
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US/09/245.202A
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/082.842
; FILING DATE: 23-JUN-1993
; APPLICATION NUMBER: PCT/US92/10906
; FILING DATE: 14-DEC-1992
; APPLICATION NUMBER: US 07/808.464
; FILING DATE: 13-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: McNicholas, Janet M.
; REGISTRATION NUMBER: 32,918
; REFERENCE/DOCKET NUMBER: 11023US07 / 200-71.P2.C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/707-8889
; TELEFAX: 312/707-9155
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 66:
US-10-340-189-66
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2527 ACCGAGTCCTCTGGAAGTC 2545
DB 19 ACTGAGTCATCTGAGATGTC 1
RESULT 1197
US-10-349-143-7014/C
; Sequence 7014, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marca
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349.143
; PRIOR APPLICATION NUMBER: US/09/422.978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298.850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109.732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082.614
```

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; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7014
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-22375 for SEQ 3080,
US-10-349-143-7014
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 278 CTTTCTCTCTCTCTCTT 296
DB 19 CTTTCTCTCTCTCTTCTT 1
RESULT 1198
US-10-349-143-8508/C
; Sequence 8508, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marca
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349.143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422.978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298.850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109.732
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 60/082.614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082.614
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8508
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-16003 for SEQ 643, in complem
US-10-349-143-8508
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1421 GGCAGAGTCTCTGGGATT 1439
DB 19 GGCAGAGTCTCTGGGATT 1
RESULT 1199
US-10-444-925-155
; Sequence 155, Application US/10444925
; Publication No. US20040009946A1
; GENERAL INFORMATION:
; APPLICANT: Lewis, Stephen Patrick
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Wilson, Linda K.
; TITLE OF INVENTION: MODULATION OF PTPIB SIGNAL TRANSDUCTION
; FILE REFERENCE: 200125.441
; CURRENT APPLICATION NUMBER: US/10/444.925
```

```

; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 155
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA
US-10-444-925-155

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 8.9e+02;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy      3619 AGGAATCCCCCAAAATGCC 3637
Db      1 AGGAAGCCCCCUAAAUAGCC 19
      ||||| ||||| |||||
      ||||| ||||| |||||

RESULT 1200
US-10-444-925-156
; Sequence 156, Application US/10444925
; Publication No. US2004000946a1
; GENERAL INFORMATION:
; APPLICANT: Lewis, Stephen Patrick
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Wilson, Linda K.
; TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION
; FILE REFERENCE: 200125.441
; CURRENT APPLICATION NUMBER: US/10/444,925
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 156
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA
US-10-444-925-156

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 8.9e+02;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy      3620 GGAATCCCCCAAAATGCCG 3638
Db      1 GGAAGCCCCCUAAAUAGCCG 19
      ||||| ||||| |||||
      ||||| ||||| |||||

RESULT 1201
US-10-206-705-69
; Sequence 69, Application US/10206705
; Publication No. US20040019001A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceutical, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA interference Mediated Inhibition of Protein Tyrosine Phosphat
; TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA
; FILE REFERENCE: 900/035 (MBRH02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 69
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-206-705-69
```

```

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 8.9e+02;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy      3620 GGAATCCCCCAAAATGCCG 3638
Db      1 GGAAGCCCCCUAAAUAGCCG 19
      ||||| ||||| |||||
      ||||| ||||| |||||

RESULT 1202
US-10-206-705-254/C
; Sequence 254, Application US/10206705
; Publication No. US20040019001A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceutical, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA interference Mediated Inhibition of Protein Tyrosine Phosphat
; TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA
; FILE REFERENCE: 900/035 (MBRH02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 254
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-206-705-254

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3620 GGAATCCCCCAAAATGCCG 3638
Db      19 GGAAGCCCCCTTAATGCCG 1
      ||||| ||||| |||||
      ||||| ||||| |||||

RESULT 1203
US-10-377-628A-2
; Sequence 2, Application US/10377628A
; Publication No. US20040022768A1
; GENERAL INFORMATION:
; APPLICANT: Roy-Chowdhury, Jayanta
; APPLICANT: Ilan, Yaron
; APPLICANT: Rabbani, Elazar
; APPLICANT: Englehardt, Dean L.
; TITLE OF INVENTION: Process Useful for Producing Selective Immune Down Regulation (e
; TITLE OF INVENTION: Subjects, including Adult Subjects to Artificially Expressed Ge
; TITLE OF INVENTION: Systems, infectious Agents, and No. US20040022768A1-Cellular In
; FILE REFERENCE: 59046.000026
; CURRENT APPLICATION NUMBER: US/10/377,628A
; CURRENT FILING DATE: 2003-03-04
; PRIOR APPLICATION NUMBER: US 08/808,629
; PRIOR FILING DATE: 1997-02-28
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Primer
US-10-377-628A-2

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

QY 1664 CCAGCTCTGCAGCAGATG 1682
DB 1 CCAGCAGCTGCAGCAGAGG 19

RESULT 1204
US-10-333-429-199/c
; Sequence 199, Application US/10333429
; Publication No. US20040048265A1
; GENERAL INFORMATION:
; APPLICANT: GENSET
; TITLE OF INVENTION: Obesity Associated Biallelic Marker Maps
; FILE REFERENCE: G-083US02PCT
; CURRENT APPLICATION NUMBER: US/10/333,429
; CURRENT FILING DATE: 2003-01-17
; PRIOR APPLICATION NUMBER: PCT/IB01/01477
; PRIOR FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: US 60/219,704
; PRIOR FILING DATE: 2000-07-18
; NUMBER OF SEQ ID NOS: 579
; SOFTWARE: Patent.pm
; SEQ ID NO 199
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-48928 for SEQ 28,
US-10-333-429-199

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 524 CTGGACCATGGCAACATG 542
DB 19 CTGGACTATGGCAATCTC 1

RESULT 1205
US-10-451-822-61
; Sequence 61, Application US/10451822
; Publication No. US20040053397A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; TITLE OF INVENTION: No. US20040053397A1 Protein and Its DNA
; FILE REFERENCE: 2847USOP
; CURRENT APPLICATION NUMBER: US/10/451,822
; CURRENT FILING DATE: 2003-06-25
; PRIOR APPLICATION NUMBER: PCT/JP01/11557
; PRIOR FILING DATE: 2001-12-27
; PRIOR APPLICATION NUMBER: JP 2000-403078
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: JP 2001-195467
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 61
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-451-822-61

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1499 CAAGATGCTTCTGAGAC 1517
DB 1 CAAGCTGGGTGTGAGAGC 19

RESULT 1206
US-10-628-109-97
; Sequence 97, Application US/10628109
; Publication No. US20040101886A1
; GENERAL INFORMATION:
; APPLICANT: Bowdich, Katherine S.
; APPLICANT: Frederickson, Shana
; APPLICANT: Lin, Ying-Chi
; APPLICANT: McWhirter, John
; APPLICANT: Maruyama, Yoshiaki
; TITLE OF INVENTION: NESTED OLIGONUCLEOTIDES CONTAINING A HAIRPIN FOR NUCLEIC ACID
; FILE REFERENCE: 1087-35 DIV
; CURRENT APPLICATION NUMBER: US/10/628,109
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: US 60/254,669
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: US 60/323,400
; PRIOR FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: US 10/014,012
; PRIOR FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 97
; LENGTH: 19
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: boundary oligonucleotide
US-10-628-109-97

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3256 TGGAGTGGGGCCCTTGG 3274
DB 1 TGGAGTGGGCACTCTGG 19

RESULT 1207
US-10-636-065-190/c
; Sequence 190, Application US/10636065
; Publication No. US20040127694A1
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: Lacasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; FILE REFERENCE: 07891/025005
; CURRENT APPLICATION NUMBER: US/10/636,065
; CURRENT FILING DATE: 2003-08-07
; PRIOR APPLICATION NUMBER: 09/672,717
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 190
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
US-10-636-065-190

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2167 ACCAAACTATGTAACAT 2185

Db 19 ATCTAACCATATGACAT 1

RESULT 1208
US-10-636-065-215/c
Sequence 215, Application US/10636065
Publication No. US20040127694A1
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: LaCasse, Eric
APPLICANT: Baird, Stephen
APPLICANT: Holcik, Martin
APPLICANT: Young, Sean
TITLE OF INVENTION: Antisense TAP Nucleic Acids and Uses
TITLE OF INVENTION: Theretof
FILE REFERENCE: 07891/025005
CURRENT APPLICATION NUMBER: US/10/636,065
CURRENT FILING DATE: 2003-08-07
PRIOR APPLICATION NUMBER: 09/672,717
PRIOR FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 231
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 215
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: based on Homo sapiens
US-10-636-065-215

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Oy 1948 TCGCCATCCACAGCTCTG 1966
Db 19 TCTCATCTCAGCTCG 1

RESULT 1209
US-10-341-199-15/c
Sequence 15, Application US/10341199
Publication No. US20040137439A1
GENERAL INFORMATION:
APPLICANT: Liao, Haisun
APPLICANT: Deik, Amy Anderson
APPLICANT: Mamaeva, Natalia
APPLICANT: Woodward, Caroline Ngaara
APPLICANT: Chen, Shin-Yih
APPLICANT: Huang, Yih
APPLICANT: Shen, Ming
APPLICANT: Law, Simon W.
APPLICANT: Huang, Tai-Nang
TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION
FILE REFERENCE: 12251-036001
CURRENT APPLICATION NUMBER: US/10/341,199
CURRENT FILING DATE: 2003-01-10
NUMBER OF SEQ ID NOS: 35
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 15
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetically generated oligonucleotide
US-10-341-199-15

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Oy 1228 AGCAGCTCTCCCGGCT 1246

Db 19 AGCCGCTCGCCCGGCT 1

RESULT 1210
US-10-665-951-1150/c
Sequence 1150, Application US/10665951
Publication No. US20040138163A1
GENERAL INFORMATION:
APPLICANT: Sirta Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/131 (MBH02-742-F)
CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/339,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/333,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: US 10/306,747
PRIOR FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1150
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-665-951-1150

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Oy 2230 ACATCACTCACCGCTTAC 2248
Db 19 ACACACACACAGCTTAC 1

RESULT 1211
US-10-665-951-1474
Sequence 1474, Application US/10665951
Publication No. US20040138163A1
GENERAL INFORMATION:
APPLICANT: Sirta Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/131 (MBH02-742-F)
CURRENT APPLICATION NUMBER: US/10/665,951

```

; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PAM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1474
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: sRNA antisense region
US-10-665-951-1474
```

```

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 8.9e+02;
Matches 14; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
```

```

QY      2230 ACATCACTCAACCGCTTCAC 2248
Db      1 ACACCACACACGCTCUCAC 19
```

```

RESULT 1212
; Sequence 15, Application US/10814876
; Publication No. US20040161792A1
; GENERAL INFORMATION:
; APPLICANT: Liao, Hailun
; APPLICANT: Deik, Amy Anderson
; APPLICANT: Mamaeva, Natalia
; APPLICANT: Woodward, Caroline Ngaara
; APPLICANT: Chen, Shin-Yih
; APPLICANT: Huang, Yih
; APPLICANT: Shen, Ming
; APPLICANT: Law, Simon W.
; TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION
; FILE REFERENCE: 12251-036001
; CURRENT APPLICATION NUMBER: US/10/814,876
; PRIOR FILING DATE: 2004-03-31
; PRIOR APPLICATION NUMBER: US/10/341,199
; PRIOR FILING DATE: 2003-01-10
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated oligonucleotide
US-10-814-876-15

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
```

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

QY      1228 AGCAGCTTCTCCCGGCGCT 1246
Db      19 AGCCGCTCGCCCGAGGCGCT 1
```

```

RESULT 1213
US-10-099-791E-22
; Sequence 22, Application US/10099791E
; Publication No. US20040167086A1
; GENERAL INFORMATION:
; APPLICANT: Helsinki, Marja
; TITLE OF INVENTION: REG-LIKE PROTEIN
; FILE REFERENCE: CEN0285 NP
; CURRENT APPLICATION NUMBER: US/10/099,791E
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: 60/276,305
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 22
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer bind
; OTHER INFORMATION: PCR primer elements
US-10-099-791E-22
```

```

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

QY      2806 GAGAAATGAGAGGAG 2824
Db      1 GAGACACTGAGAGGCGAG 19
```

```

RESULT 1214
US-10-715-117-15
; Sequence 15, Application US/10715117
; Publication No. US20040171037A1
; GENERAL INFORMATION:
; APPLICANT: LI, JING
; APPLICANT: POWERS, SCOTT
; APPLICANT: SIN, WUN CHEY
; APPLICANT: YANG, JIANXIN
; TITLE OF INVENTION: AMPLIFIED GENES INVOLVED IN CANCER
; FILE REFERENCE: 38002-0062
; CURRENT APPLICATION NUMBER: US/10/715,117
; CURRENT FILING DATE: 2003-11-18
; PRIOR APPLICATION NUMBER: 60/427,202
; PRIOR FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: 60/434,434
; PRIOR FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-715-117-15
```

```

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

QY      1343 GGTCAAGCCTTCTGAC 1361
Db      1 GGGCAAGCCTTGCAGCTC 19
```


RESULT 1215
US-10-715-117-16
; Sequence 16, Application US/10715117
; Publication No. US20040171037A1
; GENERAL INFORMATION:
; APPLICANT: LI, JING
; APPLICANT: POWERS, SCOTT
; APPLICANT: SIN, WUN CHEY
; APPLICANT: YANG, JIANXIN
; TITLE OF INVENTION: AMPLIFIED GENES INVOLVED IN CANCER
; FILE REFERENCE: 38002-0062
; CURRENT APPLICATION NUMBER: US/10/715,117
; PRIOR FILING DATE: 2003-11-18
; PRIOR APPLICATION NUMBER: 60/427,202
; PRIOR FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: 60/434,434
; PRIOR FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: Patentin Ver. 3.2
; SEQ ID NO 16
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: s1RNA sequence
US-10-715-117-16

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 8.9e+02;
Matches 14; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

OY 1343 GGTCAAGGCTTGCTGCAC 1361
DB 1 GGGCAAGGCTTGCAGCTC 19

RESULT 1216
US-10-715-117-33
; Sequence 33, Application US/10715117
; Publication No. US20040171037A1
; GENERAL INFORMATION:
; APPLICANT: LI, JING
; APPLICANT: POWERS, SCOTT
; APPLICANT: SIN, WUN CHEY
; APPLICANT: YANG, JIANXIN
; TITLE OF INVENTION: AMPLIFIED GENES INVOLVED IN CANCER
; FILE REFERENCE: 38002-0062
; CURRENT APPLICATION NUMBER: US/10/715,117
; CURRENT FILING DATE: 2003-11-18
; PRIOR APPLICATION NUMBER: 60/427,202
; PRIOR FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: 60/434,434
; PRIOR FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: Patentin Ver. 3.2
; SEQ ID NO 33
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-715-117-33

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1343 GGTCAAGGCTTGCTGCAC 1361
DB 1 GGGCAAGGCTTGCAGCTC 19

RESULT 1217
US-10-731-739-502

; Sequence 502, Application US/10731739
; Publication No. US20040176582A1
; GENERAL INFORMATION:
; APPLICANT: CARULLI, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/10/731,739
; CURRENT FILING DATE: 2003-12-10
; PRIOR APPLICATION NUMBER: US/09/544,398B
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: PatatSeq for Windows Version 4.0
; SEQ ID NO 502
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-731-739-502

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 946 CAACGAGATCCCGCAGC 964
DB 1 CAACGAGATCTCTTAC 19

RESULT 1218
US-09-758-881-132
; Sequence 132, Application US/09758881
; Patent No. US20010029250A1
; GENERAL INFORMATION:
; APPLICANT: KARRAS, James G
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; FILE REFERENCE: ISPh-0532
; CURRENT APPLICATION NUMBER: US/09/758,881
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: PCT/US00/09054
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 09/288,461
; PRIOR FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 132
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-758-881-132

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5027 TGGGCTCTTGTTCCAGG 5045
DB 2 TCGGCACTTGTTCCAGG 20

RESULT 1219
US-09-790-417-113
; Sequence 113, Application US/09790417

Patent No. US20010031470A1
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W.
; APPLICANT: Lewis, Martin K.
; APPLICANT: Lieppe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: Pro-103 6868/75528
; CURRENT APPLICATION NUMBER: US/09/790,417
; CURRENT FILING DATE: 2001-02-22
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 113
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: probe for human cystic fibrosis gene
US-09-790-417-113

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 349 CTGAGCGCTGAACAGCA 367
Db 2 CAGGTCCTGAACAGCA 20

RESULT 1220
US-09-465-589-8
; Sequence 8, Application US/09465589
; Patent No. US20020031764A1
; GENERAL INFORMATION:
; APPLICANT: Koch, Jörn Erland
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR AMPLIFYING MULTIPLE TANDEM REPEATS
; FILE REFERENCE: 4305/1E293-US2
; CURRENT APPLICATION NUMBER: US/09/465,589
; CURRENT FILING DATE: 1999-12-17
; PRIOR APPLICATION NUMBER: US 09/091,146
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: PCT/DK96/00513
; PRIOR FILING DATE: 1996-12-05
; PRIOR APPLICATION NUMBER: DK 1379/95
; PRIOR FILING DATE: 1995-12-05
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide with internal repetitions
US-09-465-589-8

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 278 CTTCTCTCTCTCTCTT 296

Db 1 CTTCTCTCTCTCTCTT 19

RESULT 1221
US-09-908-825-3/c
; Sequence 3, Application US/09908825
; Publication No. US20020035083A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Pharma Company
; TITLE OF INVENTION: CRF2 LIGANDS IN COMBINATION THERAPY
; FILE REFERENCE: PH7100
; CURRENT APPLICATION NUMBER: US/09/908,825
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/219,391
; PRIOR FILING DATE: 2000-07-19
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-825-3

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1715 CATGATCACCCTTCATC 1733
Db 20 CCTCATCACCCTTCATC 2

RESULT 1222
US-09-733-294A-21
; Sequence 21, Application US/09733294A
; Patent No. US20020045588A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Manciewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT APPLICATION NUMBER: US/09/733,294A
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-21

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1657 GCTTTCGACGCTCTGCA 1675
Db 2 GCTTCGACGACGCTCCGCA 20

RESULT 1223
US-09-733-294A-39
; Sequence 39, Application US/09733294A
; Patent No. US20020045588A1
; GENERAL INFORMATION:

APPLICANT: Brett P. Monia
 APPLICANT: William Gaegele
 APPLICANT: Susan M. Freier
 APPLICANT: Edward V. Mancewicz
 TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
 FILE REFERENCE: 15PH-05271
 CURRENT APPLICATION NUMBER: US/09/733,294A
 CURRENT FILING DATE: 2000-12-07
 PRIOR APPLICATION NUMBER: 09/572,423
 PRIOR FILING DATE: 2000-05-16
 NUMBER OF SEQ ID NOS: 108
 SEQ ID NO 39
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-733-294A-39

Query Match	0.3%	Score	14.2	DB	1	length	20
Best Local Similarity	84.2%	Pred.	No. 9.5e+02				
Matches	16	Conservative	0	Mismatches	3	Indels	0
						Gaps	0

QY 4 GGGCATGGCATCCACGTG 22
 |||||
Db 1 GGCCAGGGCTTCCACGTG 19

```

RESULT 1224
US-09-810-560-13
; Sequence 13, Application US/09810560
; Patent No. US20020052487A1
; GENERAL INFORMATION:
; APPLICANT: CAROSELLA, EDGARDO D
; APPLICANT: MOREAU, PHILIPPE
; APPLICANT: GLUCKMAN, ELIANE
; APPLICANT: KIRSZENBAUM, MARIE
; TITLE OF INVENTION: TRANSCRIPTS OF THE MHC CLASS I HLA-G GENE AND THEIR APPLICATIONS
; FILE REFERENCE: 204824US0 DIV
; CURRENT APPLICATION NUMBER: US/09/810,560
; CURRENT FILING DATE: 2001-03-19
; PRIOR APPLICATION NUMBER: US 08/958,316
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: US 08/406,057
; PRIOR FILING DATE: 1995-03-17
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-810-560-13

```

Query Match	0.3%	Score 14.2	DB 1	Length 20
Best Local Similarity	84.2%	Pred. No. 9.5e+02		
Matches 16	Conservative 0	Mismatches 3	Indels 0	Gaps 0

Qy	2609	CCACAGCCCTGTC	TTGCC	2627
Db	1	CCACCA	CCCTGTC	TTGAC 19

RESULT 1225
 US-09-752-639--57
 : Sequence 57, Application US/09752639
 : Patent No. US20020091243A1
 :
 : GENERAL INFORMATION:
 :
 : APPLICANT: Gatanaga, T.
 :
 : TITLE OF INVENTION: Factors Altering Tumor Necrosis
 :
 : TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
 :
 : TITLE OF INVENTION: of Use Thereof
 :
 : NUMBER OF SEQUENCES: 154

CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: Palo Alto
STATE: CA

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: PASECO for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,639

Query Match	0.3%	Score	14.2	DB 1	Length	20			
Best Local Similarity	84.2%	Pred. No.	9.5e+02						
Matches	16	Conservative	0	Mismatches	3	Indels	0	Gaps	0

```

QY      5122 TGGGTGATGCTTTCCTTA 5140
          |||||
Db      1 TGGGTGATGCCCTTGTGCTGA 19

```

RESULT 1226
US-09-984-198-57
Sequence 57, Application US/09984198
Patent No. US20020106679A1
GENERAL INFORMATION:
APPLICANT: Gatanaga, T.
TITLE OF INVENTION: Factors Altering Tumor Necrosis
TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
TITLE OF INVENTION: of Use Thereof
NUMBER OF SEQUENCES: 154
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSEO for Windows Version 2.0b

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/984,198
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US99/10793
; FILING DATE:
; APPLICATION NUMBER: 09/081,385
; FILING DATE:
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-984-198-57
```

```

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY      5122 TGGGTGATGCTTCTCTTA 5140
          ||||| ||||| |||||
Db       1 TGGGTGATGCTTCTCTGA 19
```

```

RESULT 1227
US-09-927-160-7
; Sequence 7, Application US/09927160
; Patent No. US20020108136A1
; GENERAL INFORMATION:
; APPLICANT: Patl, Subhma
; TITLE OF INVENTION: Transgenic Animals Produced by Homologous Sequence Targeting
; FILE REFERENCE: A-64580-4/RFT/RMS/AMS
; CURRENT APPLICATION NUMBER: US/09/927,160
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: US 09/079,877
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: US 08/910,415
; PRIOR FILING DATE: 1997-08-13
; PRIOR APPLICATION NUMBER: US 60/041,173
; PRIOR FILING DATE: 1997-03-21
; PRIOR APPLICATION NUMBER: US 06/385,713
; PRIOR FILING DATE: 1995-02-08
; PRIOR APPLICATION NUMBER: US 08/275,916
; PRIOR FILING DATE: 1994-07-14
; PRIOR APPLICATION NUMBER: US 07/939,767
; PRIOR FILING DATE: 1992-09-02
; PRIOR APPLICATION NUMBER: US 07/873,438
; PRIOR FILING DATE: 1992-04-24
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
;
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-09-927-160-7
```

```

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
```

```

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY      349 CTGAGCGCCTGGAACAGGA 367
          ||||| ||||| |||||
Db       2 CAGAGTACTCTGAAACAGGA 20
```

```

RESULT 1228
US-09-870-956-33/C
; Sequence 33, Application US/09870956
; Patent No. US20020127669A1
; GENERAL INFORMATION:
; APPLICANT: Knjdp, Gregory T.
; APPLICANT: Herrera-Ruiz, Dea
; TITLE OF INVENTION: No. US20020127669A1e1 Compositions for the Expression of the Hum
; FILE REFERENCE: Rutgers 00-0126
; FILE REFERENCE: Histidine Transporter 1 and Methods of Use Thereof
; CURRENT APPLICATION NUMBER: US/09/870,956
; PRIOR FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: 60/208,061
; PRIOR FILING DATE: 2000-05-31
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
;
US-09-870-956-33
```

```

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY      3921 ACGCGCGCGCGCGCGCTGC 3939
          ||||| ||||| |||||
Db       19 ACGCGCGCGCGCGCGCGC 1
```

```

RESULT 1229
US-09-909-320-124
; Sequence 124, Application US/09909320
; Patent No. US20020132240A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Garber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grunewald, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
```

```
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/909/320
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2002-01-04
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20344
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-909-320-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCAGGTGCTA 2719
Db      1 TTGCTTACTCAGGTGCTA 19

RESULT 1230
US-09-909-088B-124
Sequence 124, Application US/09909088B
Patent No. US20020146709A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Geritsen, Mary E.
APPLICANT: Goddard, A.
```

```
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Guiney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/909/088B
CURRENT FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-909-088B-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCAGGTGCTA 2719
Db      1 TTGCTTACTCAGGTGCTA 19

RESULT 1231
US-09-911-176B-9
```

```
; Sequence 9, Application US/09911176B
; Patent No. US20020156243A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ANTIBODIES THAT BIND AN
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG
; FILE REFERENCE: 97-30D1
; CURRENT APPLICATION NUMBER: US/09/911,176B
; CURRENT FILING DATE: 2001-07-23
; PRIOR APPLICATION NUMBER: 09/118,408
; PRIOR FILING DATE: 1998-07-17
; PRIOR APPLICATION NUMBER: 60/053,154
; PRIOR FILING DATE: 1997-07-18
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC13532
US-09-911-176B-9

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2492 GACAGGAGTGAAGTACAC 2510
Db      1 GAGAGGGCTGAGAGACAC 19

RESULT 1232
US-09-905-291A-124
; Sequence 124, Application US/09905291A
; Patent No. US20020160374A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kiljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,291A
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
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; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-905-291A-124

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCTTACTCAGGTCTA 19

RESULT 1233
US-09-953-499-16
; Sequence 16, Application US/09953499
; Publication No. US20020182206A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Napier, Mary A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
; TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS
; FILE REFERENCE: P1216R1(US)
; CURRENT APPLICATION NUMBER: US/09/953,499
; CURRENT FILING DATE: 2001-09-14
; PRIOR APPLICATION NUMBER: US/09/254,465
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: PCT/US98/24855
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: US 60/066,364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: US 60/078,936
; PRIOR FILING DATE: 1998-03-20
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; PRIOR APPLICATION NUMBER: PCT/US98/19437
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 30
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-953-499-16

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1234
US-09-902-853-124
; Sequence 124, Application US/09902853
; Publication No. US20020192659A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,853
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: US/09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
```

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; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-902-853-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1235
US-09-907-824-124
; Sequence 124, Application US/09907824
; Publication No. US20020197671A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,824
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
```

```

; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
;
US-09-907-824-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCTCAGTGCTA 2719
Db      1 TTGCTTACTCAGTGCTA 19

RESULT 1236
US-09-907-841-124
; Sequence 124, Application US/09907841
; Publication No. US20020198366A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Mather, Jennie P.
```

```

; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tuma, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,841
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
;
US-09-907-841-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCTCAGTGCTA 2719
Db      1 TTGCTTACTCAGTGCTA 19

RESULT 1237
US-09-904-011-124
; Sequence 124, Application US/09904011
; Publication No. US20030003530A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
```



```

APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,011
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30055
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-904-011-124

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0.

QY      2701 TTGAGTTTCTCAGGTGCTA 2719
        ||| ||||| ||||| |||
Db       1 TTGCCTTACTCAGTGCTA 19

RESULT 1238
US-09-898-361-128/c
Sequence 128, Application US/09898361
Publication No. US20030008732A1
GENERAL INFORMATION:
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APPLICANT: Susan Murray
APPLICANT: Jacqueline Wacht
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
FILE REFERENCE: RTS-0158
CURRENT APPLICATION NUMBER: US/09/898,361
CURRENT FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 163
SEQ ID NO 128
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide
US-09-898-361-128

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      1534 AGAAATCTCTGACGCTCAT 1552
      ||||| ||||| ||||| |||||
Db      19 AGAACATCTCTGACGTTCT 1

RESULT 1239
US-09-870-002-20/c
Sequence 20, Application US/09870002
Publication No. US20030013670A1
GENERAL INFORMATION:
APPLICANT: Montle, B.P., Cowser, L.M. and Manoharan, M.
TITLE OF INVENTION: Antisense oligonucleotide inhibition of ras
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1 for WINDOWS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/870,002
FILING DATE: 30-May-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/575,554
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0463
TELECOMMUNICATION INFORMATION:
TELEPHONE: (856) 810-1515
TELEFAX: (856) 810-1454
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 20
US-09-870-002-20

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```
QY      217  GCGCGGCGGCGCGGCGAG 235
DB      19  GCGCGGCGGCGGCGAG 1

RESULT 1240
US-09-903-640-124
; Sequence 124, Application US/09903640
; Publication No. US20030017463A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Batou, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/903,640
; PRIOR FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-903-640-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCTCAGGTGCTA 2719
DB      1  TTGCTTACTCAGGTGCTA 19

RESULT 1241
US-09-908-093-124
; Sequence 124, Application US/09908093
; Publication No. US20030017498A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Batou, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltzen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Thomas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/908,093
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-908-093-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCTCAGGTGCTA 2719
```

Db 1 TTGCTTACTCAGTGCTA 19

RESULT 1242

US-09-824-322B-51
; Sequence 51, Application US/09824322B
; Publication No. US20030022848A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALF
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/09/824,322B
; CURRENT FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-824-322B-51

Query Match

Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 267 CCCCTCTCTCTCTCTCT 285

Db 2 CCCATCTCTCTCCCTCTCT 20

RESULT 1243

US-09-824-322B-195
; Sequence 195, Application US/09824322B
; Publication No. US20030022848A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALF
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/09/824,322B
; CURRENT FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 195
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-824-322B-195

Query Match

Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2209 ACAAGAAGTGTGCTCCTT 2227

Db 2 AGAAAAAGCTGTGAGACCTT 20

RESULT 1244

US-09-824-322B-287/C
; Sequence 287, Application US/09824322B
; Publication No. US20030022848A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALF
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/09/824,322B
; CURRENT FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 287
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-824-322B-287

Query Match

Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1307 CCAACTGCAAGCCTGTTG 1325

Db 20 CCGAGTGCAAGCCTGTAG 2

RESULT 1245

US-09-824-322B-374/C
; Sequence 374, Application US/09824322B
; Publication No. US20030022848A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALF
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/09/824,322B
; CURRENT FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 374
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-824-322B-374

Query Match

Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 104 CTCTCTGACGCTCCAGA 122

Db 20 CTCTCCAGATGTTCCAGA 2

RESULT 1246
US-09-906-742-124
Sequence 124, Application US/09906742
Publication No. US20030023054A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerlitsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Peoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT FILING DATE: 2001-07-16
PRIORITY FILING DATE: 2001-07-16
PRIORITY FILING DATE: 2000-09-18
PRIORITY FILING DATE: 2000-02-22
PRIORITY FILING DATE: 1999-07-07
PRIORITY FILING DATE: 1999-07-07
PRIORITY FILING DATE: 1999-07-26
PRIORITY FILING DATE: 1999-07-28
PRIORITY FILING DATE: 1999-09-08
PRIORITY FILING DATE: 1999-09-13
PRIORITY FILING DATE: 1999-09-15
PRIORITY FILING DATE: 1999-09-15
PRIORITY FILING DATE: 1999-11-29
PRIORITY FILING DATE: 1999-11-30
PRIORITY FILING DATE: 1999-12-02
PRIORITY FILING DATE: 1999-12-02
PRIORITY FILING DATE: 1999-12-02
PRIORITY FILING DATE: 1999-12-02
PRIORITY FILING DATE: 1999-12-16
PRIORITY FILING DATE: 1999-12-16
PRIORITY FILING DATE: 1999-12-20
PRIORITY FILING DATE: 1999-12-20
PRIORITY FILING DATE: 1999-12-20
PRIORITY FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423

SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-906-742-124
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Db 2701 TTGAGTTCTCAGTGCTA 2719
1 TTGCTTACTCAGTGCTA 19
RESULT 1247
US-09-888-326-618
Sequence 618, Application US/09888326
Publication No. US20030026801A1
GENERAL INFORMATION:
APPLICANT: Weiner, George
APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AWS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIORITY FILING DATE: 2000-06-22
PRIORITY FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 618
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
NAME/KEY: misc_feature
LOCATION: (0)...(0)
OTHER INFORMATION: chimeric phosphorothioate/phosphodiester backbone
NAME/KEY: modified base
LOCATION: (9)...(8)
OTHER INFORMATION: misc
US-09-888-326-618
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Db 1357 TGCACGAGGCTCTGAGTCT 1376
1 TTCATGTNGTCTCTGAGTCT 20
RESULT 1248
US-09-906-838-124
Sequence 124, Application US/09906838
Publication No. US20030027143A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerlitsen, Mary E.

APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavyn, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/906,838
CURRENT FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-906-838-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCAGTGCTA 2719
DB 1 TTGCTTACTCAGTGCTA 19

RESULT 1249
US-09-907-613-124
Sequence 124, Application US/09907613
Publication No. US20030027145A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlisen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavyn, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,613
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Oligonucleotide probe
US-09-907-613-124

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCTCAGTGCTA 2719
Db 1 TTGCCTTACTCAGTGCTA 19

RESULT 1250
US-09-907-942-124
Sequence 124, Application US/09907942
Publication No. US20030027146A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlisen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gueney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,942
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564

PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Oligonucleotide probe
US-09-907-942-124

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCTCAGTGCTA 2719
Db 1 TTGCCTTACTCAGTGCTA 19

RESULT 1251
US-09-904-859-124
Sequence 124, Application US/09904859
Publication No. US20030036060A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlisen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gueney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,859
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26

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; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-904-859-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2701 TTGAGTTTCTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1252
US-09-909-204-124
; Sequence 124, Application US/09909204
; Publication No. US20030036061A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Macher, Jennie F.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
```

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; APPLICANT: Tumaas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/909,204
; CURRENT FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-909-204-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2701 TTGAGTTTCTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1253
US-09-904-820-124
; Sequence 124, Application US/09904820
; Publication No. US20030036094A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
```

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; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tuma, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,820
; PRIOR FILING DATE: 2001-07-13
; PRIOR FILING DATE: 2000-09-18
; PRIOR FILING DATE: 2000-02-22
; PRIOR FILING DATE: 2000-02-22
; PRIOR FILING DATE: 1999-07-07
; PRIOR FILING DATE: 1999-07-07
; PRIOR FILING DATE: 1999-07-26
; PRIOR FILING DATE: 1999-07-28
; PRIOR FILING DATE: 1999-09-15
; PRIOR FILING DATE: 1999-09-08
; PRIOR FILING DATE: 1999-09-13
; PRIOR FILING DATE: 1999-09-15
; PRIOR FILING DATE: 1999-09-15
; PRIOR FILING DATE: 1999-09-15
; PRIOR FILING DATE: 1999-09-15
; PRIOR FILING DATE: 1999-11-29
; PRIOR FILING DATE: 1999-11-30
; PRIOR FILING DATE: 1999-11-30
; PRIOR FILING DATE: 1999-12-02
; PRIOR FILING DATE: 1999-12-02
; PRIOR FILING DATE: 1999-12-02
; PRIOR FILING DATE: 1999-12-02
; PRIOR FILING DATE: 1999-12-16
; PRIOR FILING DATE: 1999-12-20
; PRIOR FILING DATE: 1999-12-20
; PRIOR FILING DATE: 1999-12-20
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-904-820-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY      2701 TTGAGTTTCTCAGTGCTA 2719
```

```

; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tuma, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,786
; PRIOR FILING DATE: 2001-07-12
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-904-786-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY      2701 TTGAGTTTCTCAGTGCTA 2719
Db      1 TTGCCTTACTCAGTGCTA 19

RESULT 1254
US-09-904-786-124
; Sequence 124, Application US/09904786
; Publication No. US20030039969A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tuma, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,786
; PRIOR FILING DATE: 2001-07-12
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-904-786-124

RESULT 1255
US-09-906-646-124
; Sequence 124, Application US/09906646
; Publication No. US20030039971A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
```



```
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/906,646
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-906-646-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      2701 TTGAGTTTCTCAGGTGCTA 2719
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Db      1 TTGCTTACTCAGGTGCTA 19
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RESULT 1256
US-09-906-700-124
; Sequence 124, Application US/09906700
; Publication No. US2003003972A1
; GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/906,700
CURRENT FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-906-700-124

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCTCAGGTGCTA 2719
DB      1 TTGCTTACTCAGGTGCTA 19

RESULT 1257
US-09-858-152A-14
; Sequence 14, Application US/09858152A
; Publication No. US2003004419A1
; GENERAL INFORMATION:
; APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE
; APPLICANT: SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES
; APPLICANT: Marchetti, Antonio
; APPLICANT: Buttila, Flamma
; APPLICANT: Smith, Gilbert H.
; APPLICANT: Callahan, Robert
; TITLE OF INVENTION: NUCLEOTIDE AND DEDUCED AMINO ACID SEQUENCES OF TUMOR GENE INT6
; FILE REFERENCE: 4239-59122
; CURRENT APPLICATION NUMBER: US/09/858,152A
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-09-858-152A-14

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3810 AAGAGCCCAAGGGAAGCCCA 3828
DB      2 AAGAGCCCAAGGGAATCCTA 20

RESULT 1258
US-09-903-786-124
; Sequence 124, Application US/09903786
; Publication No. US20030044793A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
```

```

; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/903,786
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-903-786-124

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCTCAGGTGCTA 2719
DB      1 TTGCTTACTCAGGTGCTA 19

RESULT 1259
US-09-902-903-124
; Sequence 124, Application US/09902903
; Publication No. US20030044839A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
```

APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavini, Ivar J.
APPLICANT: Mather, Jennie F.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Thomas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/902,903
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Oligonucleotide probe
US-09-903-903-124
Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2701 TTGAGTTCTCAGGTGCTA 2719
Db 1 TTGCTTACTCAGGTGCTA 19

RESULT 1260
US-09-828-344-36/c
Sequence 36, Application US/09828344
Publication No. US20030044979A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE I EXPRESSION
FILE REFERENCE: RTS-0147
CURRENT APPLICATION NUMBER: US/09/828,344
CURRENT FILING DATE: 2001-04-06
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 36
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-828-344-36

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3963 CACCTCCAGCATCTCAAG 3981
Db 19 CACCGACAGCATTCGAAG 1

RESULT 1261
US-09-865-866-30
Sequence 30, Application US/09865866
Publication No. US20030045487A1
GENERAL INFORMATION:
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL) E
FILE REFERENCE: RTS-0221
CURRENT APPLICATION NUMBER: US/09/865,866
CURRENT FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 173
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-865-866-30

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3134 CAGTGGCCCAAGACCTG 3152
Db 2 CAGTAGCCCAAGATCATG 20

RESULT 1262
US-09-903-749A-124
Sequence 124, Application US/09903749A
Publication No. US20030045693A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi

APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltzen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tuma, Daniel
APPLICANT: Tuma, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/903,749A
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-903-749A-124

Query Match

0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2701 TTGAGTTCTCAGTGCTA 2719
Db 1 TTGCCTTACTCAGTGCTA 19
RESULT 1263
US-09-904-119-124
Sequence 124, Application US/09904119
Publication No. US20030049621A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltzen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tuma, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,119
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16

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; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-904-119-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1264
US-09-904-956-124
; Sequence 124, Application US/09904956
; Publication No. US20030049622A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,956
; PRIOR FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
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; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-09-904-956-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1265
US-09-902-736-124
; Sequence 124, Application US/09902736
; Publication No. US20030049676A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,736
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CURRENT FILING DATE: 2001-07-10
PRIORITY APPLICATION NUMBER: 09/665,350
PRIORITY FILING DATE: 2000-09-18
PRIORITY APPLICATION NUMBER: PCT/US00/04414
PRIORITY FILING DATE: 2000-02-22
PRIORITY APPLICATION NUMBER: US 60/143,048
PRIORITY FILING DATE: 1999-07-07
PRIORITY APPLICATION NUMBER: US 60/145,698
PRIORITY FILING DATE: 1999-07-26
PRIORITY APPLICATION NUMBER: US 60/146,222
PRIORITY FILING DATE: 1999-07-28
PRIORITY APPLICATION NUMBER: PCT/US99/20594
PRIORITY FILING DATE: 1999-09-08
PRIORITY APPLICATION NUMBER: PCT/US99/20944
PRIORITY FILING DATE: 1999-09-13
PRIORITY APPLICATION NUMBER: PCT/US99/21090
PRIORITY FILING DATE: 1999-09-15
PRIORITY APPLICATION NUMBER: PCT/US99/21547
PRIORITY FILING DATE: 1999-09-15
PRIORITY APPLICATION NUMBER: PCT/US99/23069
PRIORITY FILING DATE: 1999-10-05
PRIORITY APPLICATION NUMBER: PCT/US99/28214
PRIORITY FILING DATE: 1999-11-29
PRIORITY APPLICATION NUMBER: PCT/US99/28313
PRIORITY FILING DATE: 1999-11-30
PRIORITY APPLICATION NUMBER: PCT/US99/28564
PRIORITY FILING DATE: 1999-12-02
PRIORITY APPLICATION NUMBER: PCT/US99/28565
PRIORITY FILING DATE: 1999-12-02
PRIORITY APPLICATION NUMBER: PCT/US99/30095
PRIORITY FILING DATE: 1999-12-16
PRIORITY APPLICATION NUMBER: PCT/US99/30911
PRIORITY FILING DATE: 1999-12-20
PRIORITY APPLICATION NUMBER: PCT/US99/30999
PRIORITY FILING DATE: 1999-12-20
PRIORITY APPLICATION NUMBER: PCT/US00/00219
PRIORITY FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTCTCAGGTGCTA 2719
      ||| |||||
DB      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1266
US-09-907-794-124
Sequence 124, Application US/09907794
Publication No. US20030049677A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Ashkenazi, David
APPLICANT: Deenoyers, Luc
APPLICANT: Eacon, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Goddard, Paul J.

```

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RESULT 1267,
US-09-903-943-124

APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kljavin, Jennie P.
APPLICANT: Macher, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: US/09/907,794
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,638
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-907-794-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCTCAGGTGCTA 2719
DB 1 TTGCGTTACTCAGGTGCTA 19

```

Sequence 124, Application US/09903943
GENERAL INFORMATION: US20030054349A1
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/903,943
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-903-943-124
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 2701 TTGAGTTTCAGTGCTA 2719
DB 1 TTGCCTTACTCAGGCTA 19
RESULT 1268
US-09-904-462-124
Sequence 124, Application US/09904462
GENERAL INFORMATION: US20030054351A1
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,462
CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30

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; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-904-462-124

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCTTACTCAGGTGCTA 19

RESULT 1269
US-09-907-925-124
; Sequence 124, Application US/09907925
; Publication No. US20030054352A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertschen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kijavlin, Jennie P.
; APPLICANT: Mather, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,925
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
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; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-907-925-124

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCTTACTCAGGTGCTA 19

RESULT 1270
US-09-902-692-124
; Sequence 124, Application US/09902692
; Publication No. US20030054400A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertschen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kijavlin, Jennie P.
; APPLICANT: Mather, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
```



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1 APPLICANT: Tumas, Daniel
2 APPLICANT: Williams, P. Mickey
3 APPLICANT: Wood, William I.
4 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
5 FILE REFERENCE: 1046-14
6 CURRENT APPLICATION NUMBER: US/09/902,692
7 CURRENT FILING DATE: 2001-07-10
8 PRIOR APPLICATION NUMBER: PCT/US00/04414
9 PRIOR FILING DATE: 2000-02-22
10 PRIOR APPLICATION NUMBER: US 60/143,048
11 PRIOR FILING DATE: 1999-07-07
12 PRIOR APPLICATION NUMBER: US 60/145,698
13 PRIOR FILING DATE: 1999-07-26
14 PRIOR APPLICATION NUMBER: US 60/146,222
15 PRIOR FILING DATE: 1999-07-28
16 PRIOR APPLICATION NUMBER: PCT/US99/20594
17 PRIOR FILING DATE: 1999-09-08
18 PRIOR APPLICATION NUMBER: PCT/US99/20944
19 PRIOR FILING DATE: 1999-09-13
20 PRIOR APPLICATION NUMBER: PCT/US99/21090
21 PRIOR FILING DATE: 1999-09-15
22 PRIOR APPLICATION NUMBER: PCT/US99/21547
23 PRIOR FILING DATE: 1999-09-15
24 PRIOR APPLICATION NUMBER: PCT/US99/23089
25 PRIOR FILING DATE: 1999-10-05
26 PRIOR APPLICATION NUMBER: PCT/US99/28214
27 PRIOR FILING DATE: 1999-11-29
28 PRIOR APPLICATION NUMBER: PCT/US99/28313
29 PRIOR FILING DATE: 1999-11-30
30 PRIOR APPLICATION NUMBER: PCT/US99/28564
31 PRIOR FILING DATE: 1999-12-02
32 PRIOR APPLICATION NUMBER: PCT/US99/28565
33 PRIOR FILING DATE: 1999-12-02
34 PRIOR APPLICATION NUMBER: PCT/US99/30095
35 PRIOR FILING DATE: 1999-12-16
36 PRIOR APPLICATION NUMBER: PCT/US99/30911
37 PRIOR FILING DATE: 1999-12-20
38 PRIOR APPLICATION NUMBER: PCT/US99/30999
39 PRIOR FILING DATE: 1999-12-20
40 PRIOR APPLICATION NUMBER: PCT/US00/00219
41 PRIOR FILING DATE: 2000-01-05
42 NUMBER OF SEQ ID NOS: 423
43 SEQ ID NO 124
44 LENGTH: 20
45 TYPE: DNA
46 ORGANISM: Artificial Sequence
47 FEATURE:
48 OTHER INFORMATION: Description of Artificial Sequence: Synthetic
49 OTHER INFORMATION: oligonucleotide probe
50 US-09-902-692-124
51 Query Match 0.3% Score 14.2; DB 1; Length 20;
52 Best Local Similarity 84.2%; Pred. No. 9.5e+02;
53 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0.
54 QY 2701 TTGAGTTTCTCAGGTGCTA 2719
55 Db 1 TTGCCTACTCAGGTGCTA 19
56 RESULT 1271
57 US-09-903-520-124
58 Sequence 124, Application US/099035520
59 Publication No. US20030054401A1
60 GENERAL INFORMATION:
61 APPLICANT: Genentech, Inc.
62 APPLICANT: Ashkenazi, Avi
63 APPLICANT: Botstein, David
64 APPLICANT: Deanoysers, Luc
65 APPLICANT: Eaton, Dan L.
66 APPLICANT: Ferrara, Napoleone
67 APPLICANT: Filvaroff, Ellen

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APPLICANT: Pong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavini, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/903,520
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-903-520-124
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+07;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0.

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Db 1 TTGCCTTACTCAGTGCTA 19

RESULT 1272
US-09-905-056-124
Sequence 124, Application US/09905056
Publication No. US20030054441A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavini, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Thomas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/905, 056
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143, 048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145, 698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146, 222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30811
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05

NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-905-056-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCTCAGTGCTA 2719
Db 1 TTGCCTTACTCAGTGCTA 19

RESULT 1273
US-09-909-064-124
Sequence 124, Application US/09909064
Publication No. US20030059772A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavini, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Thomas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/909, 064
CURRENT FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143, 048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145, 698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214

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; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-15
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-09-909-064-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCAGTGCTA 2719
Db      1 TTGCCTTACTCAGTGCTA 19

RESULT 1274
US-09-904-553-124
; Sequence 124, Application US/09904553
; Publication No. US20030059828A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/304,553
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
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; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-09-904-553-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCAGTGCTA 2719
Db      1 TTGCCTTACTCAGTGCTA 19

RESULT 1275
US-09-905-381-124
; Sequence 124, Application US/09905381
; Publication No. US20030059829A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
```

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; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,381
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-905-381-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCTTACTCAGGTGCTA 19

RESULT 1276
US-09-904-485-124
; Sequence 124, Application US/09904485
; Publication No. US20030064367A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
```

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; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gunney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavitt, Ivar J.
; APPLICANT: Macher, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,485
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-904-485-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
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Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCTCAGGTGCTA 2719

Db 1 TTGCCTTACTCAGGTGCTA 19

RESULT 1277
US-09-905-348-124
; Sequence 124, Application US/09905348
; Publication No. US20030064923A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,348
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20

; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-905-348-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCTCAGGTGCTA 2719

Db 1 TTGCCTTACTCAGGTGCTA 19

RESULT 1278
US-09-888-361-128/C
; Sequence 128, Application US/09888361
; Publication No. US20030064944A1
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; FILE REFERENCE: RFS-0158
; CURRENT APPLICATION NUMBER: US/09/888,361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 128
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-888-361-128

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1534 AGAAATCCTGCGAGTCTAT 1552

Db 19 AGAACATCTGCGAGTCTCT 1

RESULT 1279
US-09-905-088-124
; Sequence 124, Application US/09905088
; Publication No. US20030073077A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.

```

APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT FILING DATE: US/09/905,088
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-905-088-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9,5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0.

Cy 2701 TTGAGTTCTCAGTGCTA 2719
|||||
Db 1 TTGCCTTACTCAGTGCTA 19

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GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerlitsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT FILING DATE: 2001-12-18
CURRENT APPLICATION NUMBER: US/09/907,575
PRIORITY FILING DATE: 2000-02-22
PRIORITY APPLICATION NUMBER: PCT/US00/04414
PRIORITY FILING DATE: 2000-02-22
PRIORITY APPLICATION NUMBER: US 60/143,048
PRIORITY FILING DATE: 1999-07-07
PRIORITY APPLICATION NUMBER: US 60/145,698
PRIORITY FILING DATE: 1999-07-26
PRIORITY APPLICATION NUMBER: US 60/146,222
PRIORITY FILING DATE: 1999-07-28
PRIORITY APPLICATION NUMBER: PCT/US99/20594
PRIORITY FILING DATE: 1999-09-08
PRIORITY APPLICATION NUMBER: PCT/US99/20944
PRIORITY FILING DATE: 1999-09-13
PRIORITY APPLICATION NUMBER: PCT/US99/21090
PRIORITY FILING DATE: 1999-09-15
PRIORITY APPLICATION NUMBER: PCT/US99/21547
PRIORITY FILING DATE: 1999-09-15
PRIORITY APPLICATION NUMBER: PCT/US99/23089
PRIORITY FILING DATE: 1999-10-05
PRIORITY APPLICATION NUMBER: PCT/US99/28214
PRIORITY FILING DATE: 1999-11-29
PRIORITY APPLICATION NUMBER: PCT/US99/28313
PRIORITY FILING DATE: 1999-11-30
PRIORITY APPLICATION NUMBER: PCT/US99/28564
PRIORITY FILING DATE: 1999-12-02
PRIORITY APPLICATION NUMBER: PCT/US99/28565
PRIORITY FILING DATE: 1999-12-02
PRIORITY APPLICATION NUMBER: PCT/US99/30095
PRIORITY FILING DATE: 1999-12-16
PRIORITY APPLICATION NUMBER: PCT/US99/30911
PRIORITY FILING DATE: 1999-12-20
PRIORITY APPLICATION NUMBER: PCT/US99/30999
PRIORITY FILING DATE: 1999-12-20
PRIORITY APPLICATION NUMBER: PCT/US00/00219
PRIORITY FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide probe

```

US-09-907-575-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2701 TTGAGTTTCAGGTGCTA 2719
Db 1 TTGCCTTACTCAGGTGCTA 19

RESULT 1281

US-09-905-075-124

Sequence 124, Application US/09905075
Publication No. US20030077583A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlisen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/905,075
PCT/US99/28214
Prior application data removed.
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide probe
US-09-905-075-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2701 TTGAGTTTCAGGTGCTA 2719
Db 1 TTGCCTTACTCAGGTGCTA 19

RESULT 1282

US-09-902-759-124

Sequence 124, Application US/09902759
Publication No. US20030077654A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi

APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlisen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/902,759
PCT/US00/04414
Prior application data removed.
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide probe
US-09-902-759-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTCTCAGGTGCTA 2719
Db 1 TTGCCTACTCAGGTGCTA 19

RESULT 1283

US-09-782-974C-139
; Sequence 139, Application US/09782974C
; Publication No. US20030082534A1
; GENERAL INFORMATION:
; APPLICANT: Vogeli, Gabriel
; APPLICANT: Lind, Peter
; APPLICANT: Wood, Linda S.
; APPLICANT: Parodi, Luis A.
; TITLE OF INVENTION: No. US20030082534A1 G Protein Coupled Receptor
; FILE REFERENCE: 411USPHRM311
; CURRENT APPLICATION NUMBER: US/09/782,974C
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/165,838
; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 09/714,449
; PRIOR FILING DATE: 2000-11-16
; PRIOR APPLICATION NUMBER: 60/158,568
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: 60/166,071
; PRIOR FILING DATE: 1999-11-17
; PRIOR APPLICATION NUMBER: 60/185,421
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: 60/166,678
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: 60/173,396
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: 60/184,129
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: 60/185,421
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: 60/185,554
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: 60/186,530
; PRIOR FILING DATE: 2000-03-02
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 139
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030082534A1 G Protein Coupled Receptor
US-09-782-974C-139

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1908 CACTCCCTGCAGAAATCA 1926
Db 1 CACACCCACCAAGAAATCA 19

RESULT 1284

US-09-782-974C-168
; Sequence 168, Application US/09782974C
; Publication No. US20030082534A1
; GENERAL INFORMATION:
; APPLICANT: Vogeli, Gabriel
; APPLICANT: Lind, Peter
; APPLICANT: Wood, Linda S.
; APPLICANT: Parodi, Luis A.
; TITLE OF INVENTION: No. US20030082534A1 G Protein Coupled Receptor
; FILE REFERENCE: 411USPHRM311
; CURRENT APPLICATION NUMBER: US/09/782,974C

CURRENT FILING DATE: 2002-09-04

; PRIOR APPLICATION NUMBER: 60/165,838
; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 09/714,449
; PRIOR FILING DATE: 2000-11-16
; PRIOR APPLICATION NUMBER: 60/198,568
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: 60/166,071
; PRIOR FILING DATE: 1999-11-17
; PRIOR APPLICATION NUMBER: 60/166,678
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: 60/173,396
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: 60/184,129
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: 60/185,421
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: 60/185,554
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: 60/186,530
; PRIOR FILING DATE: 2000-03-02
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 168
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030082534A1 G Protein Coupled Receptor
US-09-782-974C-168

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1908 CACTCCCTGCAGAAATCA 1926
Db 1 CACACCCACCAAGAAATCA 19

RESULT 1285
US-09-902-634-124
; Sequence 124, Application US/09902634
; Publication No. US20030082540A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: Acids Encoding the Same


```
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/902.634
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: US/09/665.350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-902-634-124
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 2701 TTGAGTTTCTCAGTGCTA 2719
DB 1 TTGCCTTACTCAGTGCTA 19
RESULT 1286
US-09-902-713-124
Sequence 124, Application US/09902713
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Batson, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Garber, Hanspeter
APPLICANT: Geritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
```

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APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gunney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavrin, Ivar J.
APPLICANT: Mathier, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tuma, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/902.713
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 09/665.350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-902-713-124
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 2701 TTGAGTTTCTCAGTGCTA 2719
DB 1 TTGCCTTACTCAGTGCTA 19
RESULT 1287
US-09-907-979-124
```

Sequence 124, Application US/09907979
Publication No. US2003008542A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavich, Ivar J.
APPLICANT: Macher, Jennie F.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,979
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,638
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20344
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide probe
US-09-907-979-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCTCAGTGCTA 2719
Db 1 TTGCTTACTCAGTGCTA 19

RESULT 1298
US-09-912-724-23/c
Sequence 23, Application US/09912724
Publication No. US20030083280A1
GENERAL INFORMATION:
APPLICANT: Rosanne M. Crooke
APPLICANT: Mark J. Graham
TITLE OF INVENTION: ANTISENSE MODULATION OF C-REACTIVE PROTEIN EXPRESSION
FILE REFERENCE: ISPH-0584
CURRENT APPLICATION NUMBER: US/09/912,724
CURRENT FILING DATE: 2001-07-25
NUMBER OF SEQ ID NOS: 63
SEQ ID NO 23
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-912-724-23

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 463 GTGGTCCTGGGGTGCT 481
Db 20 GTGGTCCTGAGGTACT 2

RESULT 1289
US-09-915-485-25/c
Sequence 25, Application US/09915485
Publication No. US20030083281A1
GENERAL INFORMATION:
APPLICANT: Mark J. Graham
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
FILE REFERENCE: RTS-0251
CURRENT APPLICATION NUMBER: US/09/915,485
CURRENT FILING DATE: 2001-07-25
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-915-485-25

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1788 CTCTCAAGGCGCAGGAA 1806
Db 19 CTCTCAAGGCGTGGGA 1

RESULT 1290
US-09-915-485-26/c

```
; Sequence 26, Application US/09915485
; Publication No. US20030083281A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
; FILE REFERENCE: RTS-0251
; CURRENT APPLICATION NUMBER: US/09/915.485
; CURRENT FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-915-485-26

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1788 CTCTCAAGGGGAGGAA 1806
Db 20 CTCTCAAGGGGAGGAA 2

RESULT 1291
US-09-915-485-39/c
; Sequence 39, Application US/09915485
; Publication No. US20030083281A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
; FILE REFERENCE: RTS-0251
; CURRENT APPLICATION NUMBER: US/09/915.485
; CURRENT FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-915-485-39

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 224 CAGCCGTTCAGGCTGTAT 242
Db 20 CAGCCGTTCAGGCTGTAT 2

RESULT 1292
US-09-915-485-89/c
; Sequence 89, Application US/09915485
; Publication No. US20030083281A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
; FILE REFERENCE: RTS-0251
; CURRENT APPLICATION NUMBER: US/09/915.485
; CURRENT FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 89
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-915-485-89

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1585 TCTTGTGTAACAGAGAA 1603
Db 20 TGTGTGTAACAGAGAA 2

RESULT 1293
US-09-917-963-29
; Sequence 29, Application US/09917963
; Publication No. US20030086912A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL TRIGLYCERIDE TRANSFER PROTEIN
; FILE REFERENCE: ISPH-0591
; CURRENT APPLICATION NUMBER: US/09/917.963
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 137
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-917-963-29

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 248 GGTGACGCCAGGCCCC 266
Db 2 GGTGACGCCAGGCTCC 20

RESULT 1294
US-09-776-479-48
; Sequence 48, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776.479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/1179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (8) ..(8)
; OTHER INFORMATION: m5c
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-48

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1357 TGCACGAGGCTCTGAGTCT 1376

Db 1 TCCATGTNGTCTCTGAGTCT 20

RESULT 1295

US-09-776-479-48

; Sequence 48; Application US/09776479

; Publication No. US20040067902A9

; GENERAL INFORMATION:

; APPLICANT: Bratzler, Robert L.

; APPLICANT: Petersen, Deanna M.

; APPLICANT: Fournon, Yves

; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the

; FILE REFERENCE: C1037/7013 (HCL/MAT)

; CURRENT APPLICATION NUMBER: US/09/776,479

; PRIOR FILING DATE: 2001-02-02

; PRIOR APPLICATION NUMBER: US 60/179,991

; PRIOR FILING DATE: 2000-02-03

; NUMBER OF SEQ ID NOS: 1093

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 48

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: modified base

; LOCATION: (8)...(8)

; OTHER INFORMATION: m5c

; OTHER INFORMATION: Synthetic Sequence

US-09-776-479-48

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 9.5e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1357 TGCACGAGGCTCTGAGTCT 1376

Db 1 TCCATGTNGTCTCTGAGTCT 20

RESULT 1296

US-09-776-479-1055/C

; Sequence 1055; Application US/09776479

; Publication No. US20030087848A1

; GENERAL INFORMATION:

; APPLICANT: Bratzler, Robert L.

; APPLICANT: Petersen, Deanna M.

; APPLICANT: Fournon, Yves

; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the

; FILE REFERENCE: C1037/7013 (HCL/MAT)

; CURRENT APPLICATION NUMBER: US/09/776,479

; PRIOR FILING DATE: 2001-02-02

; PRIOR APPLICATION NUMBER: US 60/179,991

; NUMBER OF SEQ ID NOS: 1093

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 1055

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic Sequence

US-09-776-479-1055

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 888 CCCCCAAGAAATCCCCC 906

Db 19 CCCCCAAGAAATCATCCCCC 1

RESULT 1297

US-09-776-479-1055/C

; Sequence 1055; Application US/09776479

; Publication No. US20040067902A9

; GENERAL INFORMATION:

; APPLICANT: Bratzler, Robert L.

; APPLICANT: Petersen, Deanna M.

; APPLICANT: Fournon, Yves

; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the

; FILE REFERENCE: C1037/7013 (HCL/MAT)

; CURRENT APPLICATION NUMBER: US/09/776,479

; PRIOR FILING DATE: 2001-02-02

; PRIOR APPLICATION NUMBER: US 60/179,991

; PRIOR FILING DATE: 2000-02-03

; NUMBER OF SEQ ID NOS: 1093

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 1055

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic Sequence

US-09-776-479-1055

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 888 CCCCCAAGAAATCCCCC 906

Db 19 CCCCCAAGAAATCATCCCCC 1

RESULT 1298

US-09-920-033-24/C

; Sequence 24; Application US/09920033

; Publication No. US20030087853A1

; GENERAL INFORMATION:

; APPLICANT: Rosanne M. Crooke

; APPLICANT: Mark J. Graham

; TITLE OF INVENTION: ANTISENSE MODULATION OF APOLIPOPROTEIN B EXPRESSION

; FILE REFERENCE: ISPH-0592

; CURRENT APPLICATION NUMBER: US/09/920,033

; PRIOR FILING DATE: 2001-08-01

; NUMBER OF SEQ ID NOS: 123

; SEQ ID NO 24

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-920-033-24

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1342 AGGTCAAGGCTTGCTGCA 1360

Db 20 AGGCAAGGCTTGCTGCA 2

RESULT 1299

US-09-953-611-28/C

; Sequence 28; Application US/09953611

; Publication No. US20030087855A1

```

: GENERAL INFORMATION:
: APPLICANT: Donna T. Ward
: TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN KINASE R EXPRESSION
: FILE REFERENCE: RTS-0208
: CURRENT APPLICATION NUMBER: US/09/953,611
: CURRENT FILING DATE: 2001-09-13
: NUMBER OF SEQ ID NOS: 91
: SEQ ID NO 28
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-611-28

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1882 AGAAGACTGCTGACAT 1900
Db      19 AGAAGAAATGCTGTGAT 1

RESULT 1300
US-09-902-615-124
: Sequence 124, Application US/09902615
: Publication No. US20030092002A1
: GENERAL INFORMATION:
: APPLICANT: Genentech, Inc.
: APPLICANT: Ashkenazi, Avi
: APPLICANT: Botstein, David
: APPLICANT: Desnovers, Luc
: APPLICANT: Eaton, Dan L.
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Filvaroff, Ellen
: APPLICANT: Fong, Sherman
: APPLICANT: Gerber, Hanspeter
: APPLICANT: Gerritsen, Mary E.
: APPLICANT: Goddard, A.
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, Christopher J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth, J.
: APPLICANT: Kljavin, Ivar J.
: APPLICANT: Mather, Jennie P.
: APPLICANT: Pan, James
: APPLICANT: Paoni, Nicholas F.
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Williams, P. Mickey
: APPLICANT: Wood, William, I.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: TITLE OF INVENTION: Acids Encoding the Same
: FILE REFERENCE: 10466-14
: CURRENT APPLICATION NUMBER: US/09/902,615
: CURRENT FILING DATE: 2001-12-14
: Prior application data removed. Check file wrapper or PALM.
: NUMBER OF SEQ ID NOS: 423
: SEQ ID NO 124
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence: Synthetic
: OTHER INFORMATION: oligonucleotide probe
US-09-902-615-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2701 TTGAGTTTCTCAGTGCTA 2719
Db      1 TTGCTTACTCAGTGCTA 19

RESULT 1301
US-09-845-042-16/c
: Sequence 16, Application US/09845042
: Publication No. US20030092177A1
: GENERAL INFORMATION:
: APPLICANT: BELARDELLI, FILIPPO
: APPLICANT: SANTINI, STERANO MARIA
: APPLICANT: PARLATO, STERANIA
: APPLICANT: DI PUCCHIO, TIZIANA
: APPLICANT: LOGOZZI, MARIANTONIA
: APPLICANT: LAVENTA, CATERINA
: APPLICANT: FERRANTINI, MARIA
: APPLICANT: SANTODONATO, LAURA
: APPLICANT: D'AGOSTINO, GIUSEPPINA
: TITLE OF INVENTION: METHOD FOR GENERATING HIGHLY ACTIVE HUMAN DENDRITIC
: TITLE OF INVENTION: CELLS FROM MONOCYTES
: FILE REFERENCE: 618742-8/JP/B-4161
: CURRENT APPLICATION NUMBER: US/09/845,042
: CURRENT FILING DATE: 2001-04-27
: NUMBER OF SEQ ID NOS: 37
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 16
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-845-042-16

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3171 GACCCCATGAAGCAGTGG 3189
Db      19 GACCCCAATGAAGAGTGG 1

RESULT 1302
US-09-967-669-76/c
: Sequence 76, Application US/09967669
: Publication No. US20030092650A1
: GENERAL INFORMATION:
: APPLICANT: C. Frank Bennett
: APPLICANT: Susan M. Freiler
: TITLE OF INVENTION: ANTISENSE MODULATION OF SPHINGOSINE-1-PHOSPHATE LYASE EXPRESSION
: FILE REFERENCE: RTS-0259
: CURRENT APPLICATION NUMBER: US/09/967,669
: CURRENT FILING DATE: 2001-09-28
: NUMBER OF SEQ ID NOS: 90
: SEQ ID NO 76
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Antisense Oligonucleotide
US-09-967-669-76

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      669 TACAGATTCTGCCCAATG 687
Db      20 TACAGTTTCTGCCCAATG 2
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RESULT 1303
US-09-903-925-124
Sequence 124, Application US/09903925
Publication No. US20030096233A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertsens, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Grimaldi, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/903,925
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423

SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-903-925-124
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
CY 2701 TTGAGTTTCACAGTGCTA 2719
Db 1 TTGCTTACTCAGTGCTA 19
RESULT 1304
US-09-906-760A-124
Sequence 124, Application US/09906760A
Publication No. US20030096340A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertsens, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Grimaldi, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/906,760A
CURRENT FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313

```
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-906-760A-124
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Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 2701 TTGAGTTTCAGGTGCTA 2719

Db 1 TTGCTTACTCAGGTGCTA 19

```
RESULT 1305
US-09-915-814-144/c
; Sequence 144, Application US/09915814
; Publication No. US20030096771A1
; GENERAL INFORMATION:
; APPLICANT: Madeline M. Butler
; APPLICANT: Andrew T. Watt
; APPLICANT: Susan M. Freiler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF HORMONE-SENSITIVE LIPASE EXPRESSION
; FILE REFERENCE: ISPH-0587
; CURRENT APPLICATION NUMBER: US/09/915,814
; CURRENT FILING DATE: 2001-07-26
; NUMBER OF SEQ ID NOS: 230
; SEQ ID NO 144
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-915-814-144
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Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5001 CTCTCAGCCTGCTGCCA 5019

Db 19 CGCTCCAGCCAGGTGCCA 1

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RESULT 1306
US-09-870-406A-15/c
; Sequence 15, Application US/09870406A
; Publication No. US20030104379A1
; GENERAL INFORMATION:
; APPLICANT: LAGARIAS, JOHN
; APPLICANT: KOICHI, TAKAYUKI
; APPLICANT: FRANKENBERG, NICOLE
; APPLICANT: GAMBETTA, GREGORY
; APPLICANT: MONTGOMERY, BERONDA
```

```
; TITLE OF INVENTION: HY2 FAMILY OF BILIN REDUCTASES
; FILE REFERENCE: 407T-907720US
; CURRENT APPLICATION NUMBER: US/09/870,406A
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/271,758
; PRIOR FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/210,286
; PRIOR FILING DATE: 2000-06-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-870-406A-15
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Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4702 CAGCTTCAGTGACACAGC 4720

Db 20 CAGTTTCAGTGACACAAAC 2

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RESULT 1307
US-09-903-823-124
; Sequence 124, Application US/09903823
; Publication No. US20030104381A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Batton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/903,823
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: US/09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
```

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;; PRIOR FILING DATE: 1999-09-13
;; PRIOR APPLICATION NUMBER: PCT/US99/21090
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/21547
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/23089
;; PRIOR FILING DATE: 1999-10-05
;; PRIOR APPLICATION NUMBER: PCT/US99/28214
;; PRIOR FILING DATE: 1999-11-29
;; PRIOR APPLICATION NUMBER: PCT/US99/28313
;; PRIOR FILING DATE: 1999-11-30
;; PRIOR APPLICATION NUMBER: PCT/US99/28564
;; PRIOR FILING DATE: 1999-12-02
;; PRIOR APPLICATION NUMBER: PCT/US99/28565
;; PRIOR FILING DATE: 1999-12-02
;; PRIOR APPLICATION NUMBER: PCT/US99/30095
;; PRIOR FILING DATE: 1999-12-16
;; PRIOR APPLICATION NUMBER: PCT/US99/30911
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US99/30999
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US00/00219
;; PRIOR FILING DATE: 2000-01-05
;; NUMBER OF SEQ ID NOS: 423
;; SEQ ID NO 124
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-903-823-124
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Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCTTACTCAGGTGCTA 19
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```
RESULT 1308
US-09-907-652-124
; Sequence 124, Application US/09907652
; Publication No. US2003010469A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gettisen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavich, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
```

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;; FILE REFERENCE: 10466-14
;; CURRENT APPLICATION NUMBER: US/09/907,652
;; CURRENT FILING DATE: 2002-01-16
;; PRIOR APPLICATION NUMBER: PCT/US00/04414
;; PRIOR FILING DATE: 2000-02-22
;; PRIOR APPLICATION NUMBER: US 60/143,048
;; PRIOR FILING DATE: 1999-07-07
;; PRIOR APPLICATION NUMBER: US 60/145,698
;; PRIOR FILING DATE: 1999-07-26
;; PRIOR APPLICATION NUMBER: US 60/146,222
;; PRIOR FILING DATE: 1999-07-28
;; PRIOR APPLICATION NUMBER: PCT/US99/20594
;; PRIOR FILING DATE: 1999-09-08
;; PRIOR APPLICATION NUMBER: PCT/US99/20944
;; PRIOR FILING DATE: 1999-09-13
;; PRIOR APPLICATION NUMBER: PCT/US99/21090
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/21547
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/23089
;; PRIOR FILING DATE: 1999-10-05
;; PRIOR APPLICATION NUMBER: PCT/US99/28214
;; PRIOR FILING DATE: 1999-11-29
;; PRIOR APPLICATION NUMBER: PCT/US99/28313
;; PRIOR FILING DATE: 1999-11-30
;; PRIOR APPLICATION NUMBER: PCT/US99/28564
;; PRIOR FILING DATE: 1999-12-02
;; PRIOR APPLICATION NUMBER: PCT/US99/28565
;; PRIOR FILING DATE: 1999-12-02
;; PRIOR APPLICATION NUMBER: PCT/US99/30095
;; PRIOR FILING DATE: 1999-12-16
;; PRIOR APPLICATION NUMBER: PCT/US99/30911
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US99/30999
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US00/00219
;; PRIOR FILING DATE: 2000-01-05
;; NUMBER OF SEQ ID NOS: 423
;; SEQ ID NO 124
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
;; OTHER INFORMATION: Oligonucleotide probe
US-09-907-652-124
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Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCTTACTCAGGTGCTA 19
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RESULT 1309
US-09-990-433-7
; Sequence 7, Application US/0990433
; Publication No. US20030105039A1
; GENERAL INFORMATION:
; APPLICANT: Parli, Suehna
; APPLICANT: Zarling, David
; APPLICANT: Sena, Elissa P.
; TITLE OF INVENTION: In Vivo Homologous Sequence Targeting in cells
; FILE REFERENCE: A-64580-5/RT/NBC
; CURRENT APPLICATION NUMBER: US/09/990,433
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: US 09/079,877
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: US 08/910,415
; PRIOR FILING DATE: 1997-08-13
; PRIOR APPLICATION NUMBER: US 60/041,173
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; PRIOR FILING DATE: 1997-03-21
; PRIOR APPLICATION NUMBER: US 09/927,160
; PRIOR FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-990-433-7

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      349 CTGAGCGCTGTAACAGCA 367
Db      2 CAGAGTACCTGAAACAGCA 20

RESULT 1310
US-09-993-731-23
; Sequence 23, Application US/09993731
; Publication No. US20030105040A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION
; FILE REFERENCE: RTS-0302
; CURRENT APPLICATION NUMBER: US/09/993,731
; CURRENT FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-993-731-23

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      423 CAGGTTGAGTGACGGCC 441
Db      2 CAGGTTGAGTGACGTGC 20

RESULT 1311
US-09-902-572A-124
; Sequence 124, Application US/09902572A
; Publication No. US20030108983A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
```

```

; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Acids Encoding the Same
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,572A
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide probe
US-09-902-572A-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      2701 TTGAGTTCTCAGTGCTA 2719
Db      1 TTGCCTTACTCAGTGCTA 19

RESULT 1312
US-09-902-979-124
; Sequence 124, Application US/09902979
; Publication No. US20030113718A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
```

```

; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,979
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: US/09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-902-979-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCCTACTCAGGTGCTA 19

RESULT 1313
US-09-905-125-124
; Sequence 124, Application US/09905125
; Publication No. US2003011719A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
```

```

; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltgen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,125
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-905-125-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
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Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 2701 TTGAGTTCTCAGTGCTA 2719

Db 1 TTGCCTTACTCAGTGCTA 19

RESULT 1314
US-09-906-815A-124
; Sequence 124, Application US/09906815A
; Publication No. US20030113838A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnuyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: US/09/906,815A
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20

; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
LENGTH: 20
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-906-815A-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 2701 TTGAGTTCTCAGTGCTA 2719

Db 1 TTGCCTTACTCAGTGCTA 19

RESULT 1315
US-09-905-449-124
; Sequence 124, Application US/09905449
; Publication No. US20030129592A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnuyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15

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; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-905-449-124
```

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Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY      2701 TTGAGTTCTCAGTGCTA 2719
Db      1 TTGCCTTACTCAGTGCTA 19
```

```

RESULT 1316
US-09-791-392A-8/c
; Sequence 8, Application US/09791392A
; Publication No. US20030130214A1
; GENERAL INFORMATION:
; APPLICANT: Boyd, Robert Simon
; APPLICANT: Stamps, Alasdair Craig
; APPLICANT: Terrett, Jonathan Alexander
; APPLICANT: Tyson, Kerry Louise
; TITLE OF INVENTION: Proteins, Compositions, Diagnostic and
; FILE REFERENCE: 2543-1-004N
; CURRENT APPLICATION NUMBER: US/09/791,392A
; CURRENT FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: GB 0004576.5
; PRIOR FILING DATE: 2000-02-25
; PRIOR APPLICATION NUMBER: GB 0031341.1
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-791-392A-8
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```

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY      3492 GACCTGGGAGGAAGCAG 3510
Db      20 GACCTGGGAGGAAGCTG 2
```

```

RESULT 1317
US-09-903-806-124
; Sequence 124, Application US/09903806
; Publication No. US20030130489A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Peoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/903,806
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-903-806-124
```

```

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      2701 TTGAGTTCTCAGTGCTA 2719
Db      1 TTGCCTTACTCAGTGCTA 19
```

```

RESULT 1318
US-09-904-992-124
; Sequence 124, Application US/09904992
; Publication No. US2003013025A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
```



```
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide probe
US-09-904-838-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1320
US-09-906-777-124
; Sequence 124, Application US/09906777
; Publication No. US20030148371A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertslen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/906,777
; CURRENT FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
```

```
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-906-777-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1321
US-09-903-603A-124
; Sequence 124, Application US/09903603A
; Publication No. US20030148419A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertslen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: GNE 1618P2C12
; CURRENT APPLICATION NUMBER: US/09/903,603A
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
```

```
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-903-603A-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2701 TTGAGTTTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1322
US-09-904-532-124
; Sequence 124, Application US/09904532
; Publication No. US20030152922A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
```

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; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT FILING DATE: 2001-07-13
; CURRENT APPLICATION NUMBER: US/09/904,532
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-904-532-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2701 TTGAGTTTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1323
US-09-904-766-124
; Sequence 124, Application US/09904766
; Publication No. US20030152999A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
```

APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,766
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide probe
US-09-904-766-124
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2701 TTGAGTTTCTCAGTGCTA 2719
|||||

Db 1 TTGCCTTACTCAGTGCTA 19
RESULT 1324
US-09-904-920A-124
Sequence 124, Application US/09904920A
Publication No. US2003016051A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,920A
CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423

SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-904-920A-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2701 TTGAGTTCTCAGTGCTA 2719
Db 1 TTGCGTACTCAGTGCTA 19

RESULT 1325
US-09-851-871-33/C
Sequence 33, Application US/09851871
Publication No. US20030176374A1
GENERAL INFORMATION:
APPLICANT: Bennett, Clarence Frank
APPLICANT: Vickers, Timothy A.
APPLICANT: Karras, James G.
TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
TITLE OF INVENTION: Modulation of the Expression of B7 Protein
FILE REFERENCE: ISPH-0543
CURRENT FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: PCT/US00/14471
PRIOR FILING DATE: 2000-05-25
PRIOR APPLICATION NUMBER: 09/326,186
PRIOR FILING DATE: 1999-06-04
PRIOR APPLICATION NUMBER: 08/777,266
PRIOR FILING DATE: 1996-12-31
NUMBER OF SEQ ID NOS: 284
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-851-871-33

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1994 GCGTGACGACGAGAACCGG 2012
Db 19 GCGCGAGTACAGAACCGG 1

RESULT 1326
US-09-904-877A-124
Sequence 124, Application US/09904877A
Publication No. US20030186358A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Pong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Goddard, A.

APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavrin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,877A
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2002-08-08
PRIOR APPLICATION NUMBER: PCT/US00/02-22
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-904-877A-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2701 TTGAGTTCTCAGTGCTA 2719
Db 1 TTGCGTACTCAGTGCTA 19

RESULT 1327
US-09-903-562-124
Sequence 124, Application US/09903562
Publication No. US20030187238A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Pong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, A.
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Kijavyn, Ivar J.
 APPLICANT: Mather, Jennie P.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William, I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: 10466-14
 CURRENT APPLICATION NUMBER: US/09/903,562
 PRIOR FILING DATE: 2001-07-11
 PRIOR APPLICATION NUMBER: US/09/665,350
 PRIOR FILING DATE: 2000-09-18
 PRIOR APPLICATION NUMBER: US 60/143,048
 PRIOR FILING DATE: 1999-07-07
 PRIOR APPLICATION NUMBER: US 60/145,698
 PRIOR FILING DATE: 1999-07-26
 PRIOR APPLICATION NUMBER: US 60/146,222
 PRIOR FILING DATE: 1999-07-28
 PRIOR APPLICATION NUMBER: PCT/US99/20594
 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1999-09-13
 PRIOR APPLICATION NUMBER: PCT/US99/21090
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/21547
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/28214
 PRIOR FILING DATE: 1999-11-29
 PRIOR APPLICATION NUMBER: PCT/US99/28313
 PRIOR FILING DATE: 1999-11-30
 PRIOR APPLICATION NUMBER: PCT/US99/28564
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/28565
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/30095
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: PCT/US99/30911
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US99/30999
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US00/00219
 PRIOR FILING DATE: 2000-01-05
 NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 124
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic Oligonucleotide Probe
 US-09-903-562-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 9.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCAGTGCCTA 2719
 DB 1 TTGCCTTACTCAGTGCTA 19

RESULT 1328

US-09-906-618-124
 Sequence 124, Application US/09906618
 Publication No. US20030190610A1
 GENERAL INFORMATION:
 APPLICANT: Genentech, Inc.
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Baton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, A.
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Kijavyn, Ivar J.
 APPLICANT: Mather, Jennie P.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William, I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: 10466-14
 CURRENT APPLICATION NUMBER: US/09/906,618
 CURRENT FILING DATE: 2001-07-16
 PRIOR APPLICATION NUMBER: PCT/US00/04414
 PRIOR FILING DATE: 2000-02-22
 PRIOR APPLICATION NUMBER: US 60/143,048
 PRIOR FILING DATE: 1999-07-07
 PRIOR APPLICATION NUMBER: US 60/145,698
 PRIOR FILING DATE: 1999-07-26
 PRIOR APPLICATION NUMBER: US 60/146,222
 PRIOR FILING DATE: 1999-07-28
 PRIOR APPLICATION NUMBER: PCT/US99/20594
 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1999-09-13
 PRIOR APPLICATION NUMBER: PCT/US99/21090
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/21547
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/28214
 PRIOR FILING DATE: 1999-11-29
 PRIOR APPLICATION NUMBER: PCT/US99/28313
 PRIOR FILING DATE: 1999-11-30
 PRIOR APPLICATION NUMBER: PCT/US99/28564
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/28565
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/30095
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: PCT/US99/30911
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US99/30999
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US00/00219
 PRIOR FILING DATE: 2000-01-05
 NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 124
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide probe
US-09-906-618-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2701 TTGAGTTTCAGTGCTA 2719
Db 1 TTGCCTTACTCAGTGCTA 19

RESULT 1329
US-09-907-728-124
Sequence 124, Application US/09907728
Publication No. US20030190611A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,728
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30

PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-907-728-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2701 TTGAGTTTCAGTGCTA 2719
Db 1 TTGCCTTACTCAGTGCTA 19

RESULT 1330
US-09-904-805-124
Sequence 124, Application US/09904805
Publication No. US20030211568A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,805
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26

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; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-904-805-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1331
US-09-904-938A-124
; Sequence 124, Application US/09904938A
; Publication No. US20030211569A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kjaer, Jennie P.
; APPLICANT: Mather, James
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
```

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; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,938A
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-904-938A-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1332
US-09-906-722A-124
; Sequence 124, Application US/09906722A
; Publication No. US20030215904A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
```

APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: GNE.1618P2C61
CURRENT FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: US/09/906,722A
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide probe
US-09-906-722A-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2701 TTGAGTTCTCAGGTGCTA 2719
|||||

Db 1 TTGCTTACTCAGGTGCTA 19

RESULT 1333

US-09-908-576-124

Sequence 124, Application US/09908576

Publication No. US2004000553A1

GENERAL INFORMATION:

APPLICANT: Genentech, Inc.

APPLICANT: Ashkenazi, Avi

APPLICANT: Botstein, David

APPLICANT: Deenoyers, Luc

APPLICANT: Eaton, Dan L.

APPLICANT: Ferrara, Napoleone

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gertsen, Mary E.

APPLICANT: Goddard, A.

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth, J.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Mather, Jennie P.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: 10466-14

CURRENT FILING DATE: 2001-07-18

PRIOR APPLICATION NUMBER: US/09/665,350B

PRIOR FILING DATE: 2000-09-18

PRIOR APPLICATION NUMBER: PCT/US00/04414

PRIOR FILING DATE: 2000-02-22

PRIOR APPLICATION NUMBER: US 60/143,048

PRIOR FILING DATE: 1999-07-07

PRIOR APPLICATION NUMBER: US 60/145,698

PRIOR FILING DATE: 1999-07-26

PRIOR APPLICATION NUMBER: US 60/146,222

PRIOR FILING DATE: 1999-07-28

PRIOR APPLICATION NUMBER: PCT/US99/20594

PRIOR FILING DATE: 1999-09-08

PRIOR APPLICATION NUMBER: PCT/US99/20944

PRIOR FILING DATE: 1999-09-13

PRIOR APPLICATION NUMBER: PCT/US99/21090

PRIOR FILING DATE: 1999-09-15

PRIOR APPLICATION NUMBER: PCT/US99/21547

PRIOR FILING DATE: 1999-09-15

PRIOR APPLICATION NUMBER: PCT/US99/23089

PRIOR FILING DATE: 1999-10-05

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 423

SEQ ID NO 124

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

OTHER INFORMATION: oligonucleotide probe

US-09-908-576-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGACTTTCAGGTGCTA 2719
DB 1 TTGCTTACTCAGGTGCTA 19

RESULT 1334
US-09-960-143-18
; Sequence 18, Application US/09960143
; Publication No. US20040043948A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 8 EXPRESSION
; FILE REFERENCE: RRS-0266
; CURRENT APPLICATION NUMBER: US/09/960,143
; CURRENT FILING DATE: 2001-09-24
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-960-143-18

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 204 GGCTGCAGAGAAAGCCGCG 222
DB 2 GGCTGCCAAGAGAGCCACG 20

RESULT 1335
US-09-960-143-50/c
; Sequence 50, Application US/09960143
; Publication No. US20040043948A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 8 EXPRESSION
; FILE REFERENCE: RRS-0266
; CURRENT APPLICATION NUMBER: US/09/960,143
; CURRENT FILING DATE: 2001-09-24
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-960-143-50

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3805 GGGACAAGAGCCAGAGGA 3823
DB 19 GGGCCCAAGGGCCAGAGGA 1

RESULT 1336
US-10-006-611-21/c
; Sequence 21, Application US/10006611
; Publication No. US20020166137A1
; GENERAL INFORMATION:
; APPLICANT: Nezu, Jun-ichi
; APPLICANT: Ose, Asuka
; APPLICANT: Jishage, Kou-ichi
; APPLICANT: Jenne, Dieter E.
; TITLE OF INVENTION: LKB1 GENE KNOCKOUT ANIMALS

FILE REFERENCE: 06501-0994001
; CURRENT APPLICATION NUMBER: US/10/006,611
; CURRENT FILING DATE: 2002-04-16
; PRIOR APPLICATION NUMBER: PCT/JP00/03504
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: JP 11/153030
; PRIOR FILING DATE: 1999-05-31
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificially Synthesized Primer Sequence
US-10-006-611-21

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4826 TCTCCAGTGGAGAGATCTG 4844
DB 20 TCTCCCTTGGAGAGATCTG 2

RESULT 1337
US-10-066-500-96
; Sequence 96, Application US/10066500
; Publication No. US20020177165A1
; GENERAL INFORMATION:
; APPLICANT: Avi J. Ashkenazi
; APPLICANT: Kevin P. Baker
; APPLICANT: David A. Botstein
; APPLICANT: Luc Desnoyers
; APPLICANT: Dan L. Batton
; APPLICANT: Napoleone Ferrara
; APPLICANT: Sherman Fong
; APPLICANT: Wei-Qiang Gao
; APPLICANT: Hanspeter Gerber
; APPLICANT: Mary E. Gertlsen
; APPLICANT: Audrey Goddard
; APPLICANT: Paul J. Godowski
; APPLICANT: Austin L. Gurney
; APPLICANT: Ivar J. Kjaer
; APPLICANT: Jennie P. Macher
; APPLICANT: Mary A. Napier
; APPLICANT: James Pan
; APPLICANT: Nicholas F. Paoni
; APPLICANT: Margaret Ann Roy
; APPLICANT: Timothy A. Stewart
; APPLICANT: Daniel Tuma
; APPLICANT: Colin K. Watanabe
; APPLICANT: P. Mickey Williams
; APPLICANT: William I. Wood
; APPLICANT: Zemin Zeng
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P130R1C7
; CURRENT APPLICATION NUMBER: US/10/066,500
; CURRENT FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: 10/002,796
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17

;; PRIOR APPLICATION NUMBER: 60/062816
;; PRIOR FILING DATE: 1997-10-24
;; PRIOR APPLICATION NUMBER: 60/063082
;; PRIOR FILING DATE: 1997-10-31
;; PRIOR APPLICATION NUMBER: 60/063329
;; PRIOR FILING DATE: 1997-10-27
;; PRIOR APPLICATION NUMBER: 60/063733
;; PRIOR FILING DATE: 1997-10-29
;; PRIOR APPLICATION NUMBER: 60/066364
;; PRIOR FILING DATE: 1997-11-21
;; PRIOR APPLICATION NUMBER: 60/066840
;; PRIOR FILING DATE: 1997-11-25
;; PRIOR APPLICATION NUMBER: 60/069694
;; PRIOR FILING DATE: 1997-12-16
;; PRIOR APPLICATION NUMBER: 60/074086
;; PRIOR FILING DATE: 1998-02-09
;; PRIOR APPLICATION NUMBER: 60/074092
;; PRIOR FILING DATE: 1998-02-09
;; PRIOR APPLICATION NUMBER: 60/079294
;; PRIOR FILING DATE: 1998-03-25
;; PRIOR APPLICATION NUMBER: 60/081049
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/095998
;; PRIOR FILING DATE: 1998-08-10
;; PRIOR APPLICATION NUMBER: 60/097000
;; PRIOR FILING DATE: 1998-08-18
;; PRIOR APPLICATION NUMBER: 60/099601
;; PRIOR FILING DATE: 1998-09-09
;; PRIOR APPLICATION NUMBER: 60/099803
;; PRIOR FILING DATE: 1998-09-10
;; PRIOR APPLICATION NUMBER: 60/099811
;; PRIOR FILING DATE: 1998-09-10
;; PRIOR APPLICATION NUMBER: 60/099812
;; PRIOR FILING DATE: 1998-09-10
;; PRIOR APPLICATION NUMBER: 60/100858
;; PRIOR FILING DATE: 1998-09-17
;; PRIOR APPLICATION NUMBER: 60/101922
;; PRIOR FILING DATE: 1998-09-24
;; PRIOR APPLICATION NUMBER: 60/106032
;; PRIOR FILING DATE: 1998-10-28
;; PRIOR APPLICATION NUMBER: 60/109304
;; PRIOR FILING DATE: 1998-11-20
;; PRIOR APPLICATION NUMBER: 60/125778
;; PRIOR FILING DATE: 1999-03-23
;; PRIOR APPLICATION NUMBER: 60/139695
;; PRIOR FILING DATE: 1999-06-15
;; PRIOR APPLICATION NUMBER: 60/145070
;; PRIOR FILING DATE: 1999-07-20
;; PRIOR APPLICATION NUMBER: 60/145698
;; PRIOR FILING DATE: 1999-07-26
;; PRIOR APPLICATION NUMBER: 60/149396
;; PRIOR FILING DATE: 1999-08-17
;; PRIOR APPLICATION NUMBER: 60/169495
;; PRIOR FILING DATE: 1999-12-07
;; PRIOR APPLICATION NUMBER: 08/918874
;; PRIOR FILING DATE: 1997-08-26
;; PRIOR APPLICATION NUMBER: 08/933821
;; PRIOR FILING DATE: 1997-09-19
;; PRIOR APPLICATION NUMBER: 08/960507
;; PRIOR FILING DATE: 1997-10-29
;; PRIOR APPLICATION NUMBER: 09/114844
;; PRIOR FILING DATE: 1998-07-14
;; PRIOR APPLICATION NUMBER: 09/136801
;; PRIOR FILING DATE: 1998-08-19
;; PRIOR APPLICATION NUMBER: 09/136804
;; PRIOR FILING DATE: 1998-08-19
;; PRIOR APPLICATION NUMBER: 09/136828
;; PRIOR FILING DATE: 1998-08-19
;; PRIOR APPLICATION NUMBER: 09/158342
;; PRIOR FILING DATE: 1998-09-21
;; PRIOR APPLICATION NUMBER: 09/180997
;; PRIOR FILING DATE: 1998-09-10
;; PRIOR APPLICATION NUMBER: 09/202088

;; PRIOR FILING DATE: 1998-12-08
;; PRIOR APPLICATION NUMBER: 09/254311
;; PRIOR FILING DATE: 1999-03-03
;; PRIOR APPLICATION NUMBER: 09/254460
;; PRIOR FILING DATE: 1999-03-09
;; PRIOR APPLICATION NUMBER: 09/254465
;; PRIOR FILING DATE: 1999-03-05
;; PRIOR APPLICATION NUMBER: 09/284663
;; PRIOR FILING DATE: 1999-04-15
;; PRIOR APPLICATION NUMBER: 09/332928
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;; PRIOR FILING DATE: 2000-09-18
;; PRIOR APPLICATION NUMBER: 09/665350
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;; PRIOR APPLICATION NUMBER: 09/709238
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;; PRIOR FILING DATE: 2001-01-22
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;; PRIOR FILING DATE: 2001-03-09
;; PRIOR APPLICATION NUMBER: 09/808689
;; PRIOR FILING DATE: 2001-03-14
;; PRIOR APPLICATION NUMBER: 09/866028
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;; PRIOR FILING DATE: 2001-05-30
;; PRIOR APPLICATION NUMBER: 09/872035
;; PRIOR FILING DATE: 2001-06-01
;; PRIOR APPLICATION NUMBER: 09/886342
;; PRIOR FILING DATE: 2001-06-19
;; PRIOR APPLICATION NUMBER: PCT/US98/14552
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;; PRIOR APPLICATION NUMBER: PCT/US98/18824
;; PRIOR FILING DATE: 1998-09-10
;; PRIOR APPLICATION NUMBER: PCT/US98/19093
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;; PRIOR APPLICATION NUMBER: PCT/US98/19330
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;; PRIOR APPLICATION NUMBER: PCT/US98/19437
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;; PRIOR APPLICATION NUMBER: PCT/US98/24855
;; PRIOR FILING DATE: 1998-11-20
;; PRIOR APPLICATION NUMBER: PCT/US98/25108
;; PRIOR FILING DATE: 1998-12-01
;; PRIOR APPLICATION NUMBER: PCT/US98/25190
;; PRIOR FILING DATE: 1998-11-25
;; PRIOR APPLICATION NUMBER: PCT/US99/05028
;; PRIOR FILING DATE: 1999-03-08

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; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: 1999-06-02
; PRIOR APPLICATION NUMBER: PCT/US99/20111
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTTCAGGTGCTA 2719
Db      1 TTGCCTACTCAGGTGCTA 19

RESULT 1338
US-10-004-551-95/c
; Sequence 95, Application US/10004551
; Publication No. US2003004310A1
; GENERAL INFORMATION:
; APPLICANT: SHIMKETS, RICHARD A
; APPLICANT: FERNANDES, ELMA
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY
; FILE REFERENCE: 15966-559
; CURRENT APPLICATION NUMBER: US/10/004,551
; CURRENT FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: 09/635,949
; PRIOR FILING DATE: 2000-08-10
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
US-10-004-551-95

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      376 AGTAAGCTGTGGCAGCA 394
Db      20 AGTAAGCTGTGGCAGCA 2

RESULT 1339
US-10-180-762-9
; Sequence 9, Application US/10180762
; Publication No. US20030022838A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Laeser, Gerald W.
; APPLICANT: Bishop, Paul D.
; TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND IMMUNE FUNCTION
; FILE REFERENCE: 99-12C3
; CURRENT APPLICATION NUMBER: US/10/180,762
; CURRENT FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: 09/253,604
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: 09/444,794
; PRIOR FILING DATE: 1999-11-22
; PRIOR APPLICATION NUMBER: 09/506,855
; PRIOR FILING DATE: 2000-02-17
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 20
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC13532
US-10-180-762-9

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2492 GACAGGATGAGTACAC 2510
Db      1 GAGAGGGCTGACAGACAC 19

RESULT 1340
US-10-002-796-96
; Sequence 96, Application US/10002796
; Publication No. US20030032057A1
; GENERAL INFORMATION:
; APPLICANT: Avi J. Ashkenazi
; APPLICANT: Kevin P. Baker
; APPLICANT: David A. Bolstein
; APPLICANT: Luc Desnoyers
; APPLICANT: Dan L. Eaton
; APPLICANT: Napoleone Ferrara
; APPLICANT: Sherman Fong
; APPLICANT: Wei-Qiang Gao
; APPLICANT: Hanspeter Gerber
; APPLICANT: Mary E. Gerltsen
; APPLICANT: Audrey Goddard
; APPLICANT: Paul J. Godowski
; APPLICANT: Austin L. Gurney
; APPLICANT: Ivar J. Kljavin
; APPLICANT: Jennie P. Mather
; APPLICANT: Mary A. Napier
; APPLICANT: James Pan
; APPLICANT: Nicholas F. Paoni
; APPLICANT: Margaret Ann Roy
; APPLICANT: Timothy A. Stewart
; APPLICANT: Daniel Tumas
; APPLICANT: Colin K. Watanabe
; APPLICANT: P. Mickey Williams
; APPLICANT: William I. Wood
; APPLICANT: Zemin Zang
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3130R1C1
; CURRENT APPLICATION NUMBER: US/10/002,796
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
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; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/063329
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063733
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/066840
; PRIOR FILING DATE: 1997-11-25
; PRIOR APPLICATION NUMBER: 60/069694
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;; PRIOR FILING DATE: 1997-12-16
;; PRIOR APPLICATION NUMBER: 60/074086
;; PRIOR FILING DATE: 1998-02-09
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;; PRIOR APPLICATION NUMBER: 60/079294
;; PRIOR FILING DATE: 1998-03-25
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;; PRIOR FILING DATE: 1998-04-08
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;; PRIOR FILING DATE: 1998-08-19
;; PRIOR APPLICATION NUMBER: 09/136804
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;; PRIOR APPLICATION NUMBER: 09/333075
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;; PRIOR FILING DATE: 1998-11-25
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;; PRIOR APPLICATION NUMBER: PCT/US99/20111
;; PRIOR FILING DATE: 1999-09-01
;; PRIOR APPLICATION NUMBER: PCT/US99/20594
;; PRIOR FILING DATE: 1999-09-08
;; PRIOR APPLICATION NUMBER: PCT/US99/21090
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/21547
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/28301

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTCTCAGGTGCTA 2719
Db 1 TTGCTTACTCAGGTGCTA 19

RESULT 1341
US-10-066-273-96
; Sequence 96, Application US/10066273
; Publication No. US20030032062A1
; GENERAL INFORMATION:
; APPLICANT: Avi J. Ashkenazi
; APPLICANT: Kevin P. Baker
; APPLICANT: David A. Botstein
; APPLICANT: Luc Desnoyers
; APPLICANT: Dan L. Eaton
; APPLICANT: Napoleone Ferrara
; APPLICANT: Sherman Fong
; APPLICANT: Wei-Qiang Gao
; APPLICANT: Hanspeter Gerber
; APPLICANT: Mary E. Gerltsen
; APPLICANT: Audrey Goddard
; APPLICANT: Paul J. Godowski
; APPLICANT: Austin L. Gurney
; APPLICANT: Ivar J. Kijavlin
; APPLICANT: Jennie P. Machter
; APPLICANT: Mary A. Napier
; APPLICANT: James Pan
; APPLICANT: Nicholas F. Paoni
; APPLICANT: Margaret Ann Roy
; APPLICANT: Timothy A. Stewart
; APPLICANT: Daniel Tumas
; APPLICANT: Colin K. Watanabe
; APPLICANT: P. Mickey Williams
; APPLICANT: William I. Wood
; APPLICANT: Zemin Zang
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P313ORIC2
; CURRENT APPLICATION NUMBER: US/10/066,273
; CURRENT FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: 10/002,796
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
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PRIOR APPLICATION NUMBER: 09/380139
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PRIOR FILING DATE: 2000-04-13
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PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547

Query Match 0.3% Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3;

2701 TTGAGTTCTCAGTGCTA 2719

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RESULT 1342
US-10-066-994-96
Sequence 96, Application US/10066494
Publication No. US20030032063A1
GENERAL INFORMATION:
APPLICANT: Avi J. Ashkenazi
APPLICANT: Kevin P. Baker
APPLICANT: David A. Botstein
APPLICANT: Luc Desnoyers
APPLICANT: Dan L. Eaton
APPLICANT: Napoleone Ferrara
APPLICANT: Sherman Fong
APPLICANT: Wei-Qiang Gao
APPLICANT: Hanspeter Gerber
APPLICANT: Mary B. Gertlisen
APPLICANT: Audrey Goddard
APPLICANT: Paul J. Godowski
APPLICANT: Austin L. Gurney
APPLICANT: Ivar J. Kljavin
APPLICANT: Jennie P. Mather
APPLICANT: Mary A. Napier
APPLICANT: James Pan
APPLICANT: Nicholas F. Paoni
APPLICANT: Margaret Ann Roy
APPLICANT: Timothy A. Stewart
APPLICANT: Daniel Tumas
APPLICANT: Colin K. Watanabe
APPLICANT: P. Mickey Williams
APPLICANT: William I. Wood
APPLICANT: Zemin Zang
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3130R1C9
CURRENT FILING DATE: 2002-02-01
CURRENT APPLICATION NUMBER: US/10/066,494
PRIOR FILING DATE: 2002-02-01
PRIOR APPLICATION NUMBER: 10/002,796
PRIOR FILING DATE: 2001-11-15
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;; PRIOR FILING DATE: 1998-08-19
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;; PRIOR APPLICATION NUMBER: PCT/US99/21090
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;; PRIOR APPLICATION NUMBER: PCT/US99/21547

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2701 TTGAGTTTCACAGTGCTA 2719
Db 1 TTGCTTACTCAGTGCTA 19

RESULT 1343
US-10-066-269-96
; Sequence 96; Application US/10066269
; Publication No. US2003040014A1
; GENERAL INFORMATION:
; APPLICANT: Avi J. Ashkenazi

APPLICANT: Kevin P. Baker
APPLICANT: David A. Botstein
APPLICANT: Luc Desnoyers
APPLICANT: Dan L. Eaton
APPLICANT: Napoleone Ferrara
APPLICANT: Sherman Fong
APPLICANT: Wei-Qiang Gao
APPLICANT: Hanspeter Gerber
APPLICANT: Mary E. Gerltsen
APPLICANT: Audrey Goddard
APPLICANT: Paul J. Godowski
APPLICANT: Austin L. Gurney
APPLICANT: Ivar J. Kljavin
APPLICANT: Jennie P. Macher
APPLICANT: Mary A. Napier
APPLICANT: James Pan
APPLICANT: Nicholas F. Paoni
APPLICANT: Margaret Ann Roy
APPLICANT: Timothy A. Stewart
APPLICANT: Daniel Tumas
APPLICANT: Colin K. Watanabe
APPLICANT: P. Mickey Williams
APPLICANT: William I. Wood
APPLICANT: Zemin Zang
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3130R1C4
CURRENT FILING DATE: 2002-02-01
PRIOR APPLICATION NUMBER: 10/002,796
PRIOR FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059115
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Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCAGGTGCTA 2719
DB      1 TTGCTTACTCAGGTGCTA 19

RESULT 1344
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; Publication No. US20030044844A1
; GENERAL INFORMATION:
; APPLICANT: Avi J. Ashkenazi
; APPLICANT: Kevin P. Baker
; APPLICANT: David A. Botstein
; APPLICANT: Luc Desnoyers
; APPLICANT: Dan L. Eaton
; APPLICANT: Napoleone Ferrara
; APPLICANT: Sherman Fong
; APPLICANT: Wei-Qiang Gao

; APPLICANT: Hanspeter Gerber
; APPLICANT: Mary E. Gerltsen
; APPLICANT: Audrey Goddard
; APPLICANT: Paul J. Godowski
; APPLICANT: Austin L. Gurney
; APPLICANT: Ivar J. Kjaavin
; APPLICANT: Jennie P. Mather
; APPLICANT: Mary A. Napier
; APPLICANT: James Pan
; APPLICANT: Nicholas F. Paoni
; APPLICANT: Margaret Ann Roy
; APPLICANT: Timothy A. Stewart
; APPLICANT: Daniel Tumas
; APPLICANT: Colin K. Waranabe
; APPLICANT: P. Mickey Williams
; APPLICANT: William I. Wood
; APPLICANT: Zemin Zang
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3130R1C8
; CURRENT APPLICATION NUMBER: US/10/066,211
; PRIOR FILING DATE: 2002-02-01
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PRIOR APPLICATION NUMBER: PCT/US99/21547

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2701 TTGAGTTTCAGGTGCTA 2719
Db 1 TTGCTTACTCAGGTGCTA 19

RESULT 1345
US-10-066-193-96
Sequence 96, Application US/10066193
Publication No. US20030044902A1
GENERAL INFORMATION:
APPLICANT: Avi J. Ashkenazi
APPLICANT: Kevin P. Baker
APPLICANT: David A. Botstein
APPLICANT: Luc Desnoyers
APPLICANT: Dan L. Eaton
APPLICANT: Napoleone Ferrara
APPLICANT: Sherman Fong
APPLICANT: Wei-Qiang Gao
APPLICANT: Hanspeter Gerber
APPLICANT: Mary E. Gerritsen
APPLICANT: Audrey Goddard
APPLICANT: Paul J. Godowski
APPLICANT: Austin L. Gurney
APPLICANT: Ivar J. Kljavin
APPLICANT: Jennie P. Mather

APPLICANT: Mary A. Napier
APPLICANT: James Pan
APPLICANT: Nicholas F. Paoni
APPLICANT: Margaret Ann Roy
APPLICANT: Timothy A. Stewart
APPLICANT: Daniel Tumas
APPLICANT: Colin K. Watanabe
APPLICANT: P. Mickey Williams
APPLICANT: William I. Wood
APPLICANT: Zemin Zang
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3130R1C3
CURRENT APPLICATION NUMBER: US/10/066,193
CURRENT FILING DATE: 2002-02-01
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PRIOR FILING DATE: 1998-08-19
PRIOR APPLICATION NUMBER: 09/158342
PRIOR FILING DATE: 1998-09-21
PRIOR APPLICATION NUMBER: 09/180997
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 09/202088
PRIOR FILING DATE: 1998-12-08
PRIOR APPLICATION NUMBER: 09/254311
PRIOR FILING DATE: 1999-03-03
PRIOR APPLICATION NUMBER: 09/254460
PRIOR FILING DATE: 1999-03-09
PRIOR APPLICATION NUMBER: 09/254465
PRIOR FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: 09/284663
PRIOR FILING DATE: 1999-04-15
PRIOR APPLICATION NUMBER: 09/332928
PRIOR FILING DATE: 1999-06-14
PRIOR APPLICATION NUMBER: 09/332929
PRIOR FILING DATE: 1999-06-14
PRIOR APPLICATION NUMBER: 09/333075
PRIOR FILING DATE: 1999-06-14
PRIOR APPLICATION NUMBER: 09/333077
PRIOR FILING DATE: 1999-06-14
PRIOR APPLICATION NUMBER: 09/380137
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/380138
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/380139
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/403296
PRIOR FILING DATE: 1999-10-18
PRIOR APPLICATION NUMBER: 09/403297
PRIOR FILING DATE: 1999-10-18
PRIOR APPLICATION NUMBER: 09/423741
PRIOR FILING DATE: 1999-11-10
PRIOR APPLICATION NUMBER: 09/423844
PRIOR FILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 09/522342
PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: 09/548815
PRIOR FILING DATE: 2000-04-13
PRIOR APPLICATION NUMBER: 09/664610
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: 09/665350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: 09/709238
PRIOR FILING DATE: 2000-11-08
PRIOR APPLICATION NUMBER: 09/767609
PRIOR FILING DATE: 2001-01-22
PRIOR APPLICATION NUMBER: 09/802706
PRIOR FILING DATE: 2001-03-09
PRIOR APPLICATION NUMBER: 09/808689

PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 09/866028
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: 09/870574
PRIOR FILING DATE: 2001-05-30
PRIOR APPLICATION NUMBER: 09/872035
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: 09/886342
PRIOR FILING DATE: 2001-06-19
PRIOR APPLICATION NUMBER: PCT/US98/14552
PRIOR FILING DATE: 1998-07-14
PRIOR APPLICATION NUMBER: PCT/US98/18824
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: PCT/US98/19093
PRIOR FILING DATE: 1998-09-14
PRIOR APPLICATION NUMBER: PCT/US98/19330
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: PCT/US98/19437
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: PCT/US98/24855
PRIOR FILING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: PCT/US98/25108
PRIOR FILING DATE: 1998-12-01
PRIOR APPLICATION NUMBER: PCT/US98/25190
PRIOR FILING DATE: 1998-11-25
PRIOR APPLICATION NUMBER: PCT/US99/05028
PRIOR FILING DATE: 1999-03-08
PRIOR APPLICATION NUMBER: PCT/US99/12252
PRIOR FILING DATE: 1999-06-02
PRIOR APPLICATION NUMBER: PCT/US99/20111
PRIOR FILING DATE: 1999-09-01
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2701 TTGAGTTCTCAGGTCCTA 2719
Db 1 TTGCTTACTCAGGTCCTA 19

RESULT 1346

US-10-112-653-999/c

Sequence 999, Application US/10112653

Publication No. US20030050268A1

GENERAL INFORMATION:

APPLICANT: Kries, Arthur M.

APPLICANT: Berg, Daniel J.

TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR

TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES

FILE REFERENCE: C01039/70060(AWS)

CURRENT FILING DATE: 2002-03-29

PRIOR APPLICATION NUMBER: US 60/279,642

PRIOR FILING DATE: 2001-03-29

NUMBER OF SEQ ID NOS: 1040

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 999

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic Oligonucleotide

US-10-112-653-999

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 888 CCCCCAGAAACATCCCC 906
Db 19 CCCCCAACATCATCCCC 1

RESULT 1347

US-10-017-995-48

Sequence 48, Application US/10017995

Publication No. US20030055014A1

GENERAL INFORMATION:

APPLICANT: Bratzler, Robert L.

TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids

FILE REFERENCE: C1037/7025 (HCL/MAT)

CURRENT FILING DATE: 2001-12-18

PRIOR APPLICATION NUMBER: US/10/017,995

PRIOR FILING DATE: 2000-12-14

NUMBER OF SEQ ID NOS: 1093

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 48

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

NAME/KEY: modified_base

LOCATION: (8)...(8)

OTHER INFORMATION: m5c

OTHER INFORMATION: Synthetic Sequence

US-10-017-995-48

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 1357 TGCAGAGGCTCTGAGTCT 1376
Db 1 TCCATGTCCTGAGTCT 20

RESULT 1348

US-10-017-995-1055/c

Sequence 1055, Application US/10017995

Publication No. US20030055014A1

GENERAL INFORMATION:

APPLICANT: Bratzler, Robert L.

TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids

FILE REFERENCE: C1037/7025 (HCL/MAT)

CURRENT FILING DATE: 2001-12-18

PRIOR APPLICATION NUMBER: US 60/255,534

PRIOR FILING DATE: 2000-12-14

NUMBER OF SEQ ID NOS: 1093

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 1055

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic Sequence

US-10-017-995-1055

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 888 CCCCCAGAAACATCCCC 906
Db 19 CCCCCAACATCATCCCC 1

RESULT 1349

US-10-159-901-15/c

```
; Sequence 15, Application US/10159901
; Publication No. US20030073235A1
; GENERAL INFORMATION:
; APPLICANT: LAGARIAS, JOHN
; APPLICANT: KOICHI, TAKAYUKI
; APPLICANT: FRANKENBERG, NICOLE
; APPLICANT: GAMBETTA, GREGORY
; APPLICANT: MONTGOMERY, BERONDA
; TITLE OF INVENTION: LIGHT CONTROLLED GENE EXPRESSION UTILIZING HETEROLOGOUS PHYTOCHROME
; FILE REFERENCE: 407T-907731US
; CURRENT APPLICATION NUMBER: US/10/159,901
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: 60/294,463
; PRIOR FILING DATE: 2001-05-29
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; FEATURE:
; ORGANISM: Artificial
; OTHER INFORMATION: Primer
US-10-159-901-15

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4702 CAGCTTCAGTGACACAAGC 4720
Db      20 CAGTTTCAGTGACACAAC 2

RESULT 1350
; Sequence 12, Application US/10152297
; Publication No. US2003007621A1
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W
; APPLICANT: Lewis, Martin K.
; APPLICANT: Liepe, Donna
; APPLICANT: Mandrekas, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: PRO-104 6868/75929
; CURRENT APPLICATION NUMBER: US/10/152,297
; PRIOR FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: US/09/383,316
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/252,436
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 123
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: probe for human cystic fibrosis gene
US-10-152-297-12

Query Match          0.3%; Score 14.2; DB 1; Length 20;
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```
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      349 CTGAGCGCCTGAACACAGA 367
Db      2 CAGAGTACCTGAACACAGA 20

RESULT 1351
; Sequence 9, Application US/10241258
; Publication No. US20030078206A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Lasser, Gerald W.
; APPLICANT: Bishop, Paul D.
; TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND IMMUNE FUNCTION
; FILE REFERENCE: 99-12
; CURRENT APPLICATION NUMBER: US/10/241,258
; PRIOR FILING DATE: 2002-09-10
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; FEATURE:
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Oligonucleotide ZC13532
US-10-241-258-9

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2492 GACAGGAGTGAAGTACAC 2510
Db      1 GAGAGGCGCTGAACAC 19

RESULT 1352
; Sequence 14, Application US/10090011
; Publication No. US20030082810A1
; GENERAL INFORMATION:
; APPLICANT: Serup, Palle
; APPLICANT: Heimberg, Harry
; APPLICANT: Gradwohl, Gerard
; TITLE OF INVENTION: Methods For Generating Insulin-Secreting Cells Suitable for Transplantation
; FILE REFERENCE: 6246,200-US
; CURRENT APPLICATION NUMBER: US/10/090,011
; PRIOR FILING DATE: 2002-02-26
; PRIOR APPLICATION NUMBER: US 60/271,474
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-090-011-14

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      510 ACCATGTCCTGCTGGA 528
Db      20 ACCAGGCTCTGCTGGA 2

RESULT 1353
```

```
US-10-181-846-69/c
; Sequence 69, Application US/10181846
; Publication No. US20030083297a1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RSP-0363
; CURRENT APPLICATION NUMBER: US/10/181,846
; CURRENT FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: PCT/US01/01416
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: 09/490,692
; PRIOR FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-846-69

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3139 GGCACAAAGACCTGAAAG 3157
Db      19  GGCACAGATTCTGAAG 1

RESULT 1354
US-10-227-616-95/c
; Sequence 95, Application US/10227616
; Publication No. US2003009662a1
; GENERAL INFORMATION:
; APPLICANT: Boyd, Robert Simon
; APPLICANT: Stamps, Alasdair Craig
; APPLICANT: Terrett, Jonathan Alexander
; TITLE OF INVENTION: Proteins
; FILE REFERENCE: 2543-1-028
; CURRENT APPLICATION NUMBER: US/10/227,616
; CURRENT FILING DATE: 2002-08-23
; PRIOR APPLICATION NUMBER: GB 0004576.5
; PRIOR FILING DATE: 2000-02-25
; PRIOR APPLICATION NUMBER: GB 0031341.1
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY:
; OTHER INFORMATION: Primer
US-10-227-616-95

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3492 GACCTGGGAAGAACGCG 3510
Db      20  GACCTGGGAAGGAAGCTG 2

RESULT 1355
US-10-057-834A-71/c
; Sequence 71, Application US/10057834A
; Publication No. US20030099960a1
; GENERAL INFORMATION:
```

```
APPLICANT: RATAIN, MARK J.
APPLICANT: INNOCENTI, FEDERICO
APPLICANT: DAS, SOMA
APPLICANT: IYER, LALITHA
APPLICANT: SAWYER, MICHAEL
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR OPTIMIZING UGT2B7 SUBSTRATE DOSINGS
; FILE REFERENCE: ARCD-358US
; CURRENT APPLICATION NUMBER: US/10/057,834A
; CURRENT FILING DATE: 2002-08-22
; PRIOR APPLICATION NUMBER: UNKNOWN
; PRIOR FILING DATE: 2002-01-25
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-057-834A-71

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1948 TCGCATCCACACGCTCTG 1966
Db      20  TTGCATCCACATGCTCAG 2

RESULT 1356
US-10-226-739-96
; Sequence 96, Application US/10226739
; Publication No. US2003010458A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi
; APPLICANT: Baker
; APPLICANT: Botstein
; APPLICANT: Desnoyers
; APPLICANT: Eaton
; APPLICANT: Ferrara
; APPLICANT: Fong
; APPLICANT: Gao
; APPLICANT: Gerber, Gerritsen
; APPLICANT: Goddard
; APPLICANT: Godowski
; APPLICANT: Gurney
; APPLICANT: Kijavlin
; APPLICANT: Macher
; APPLICANT: Napier
; APPLICANT: Pan
; APPLICANT: Paoni
; APPLICANT: Roy
; APPLICANT: Stewart
; APPLICANT: Tumas
; APPLICANT: Watanabe
; APPLICANT: Williams
; APPLICANT: Wood
; APPLICANT: Zang
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P313ORIC10
; CURRENT APPLICATION NUMBER: US/10/226,739
; CURRENT FILING DATE: 2002-08-23
; PRIOR APPLICATION NUMBER: US 10/002,796
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: PCT/US99/20111
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: US 09/403,297
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; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US 60/106,032
; PRIOR FILING DATE: 1998-10-28
; NUMBER OF SEQ ID NOS: 151
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-226-739-96

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2701 TTGAGTTCTCAGGTGCTA 2719
Db 1 TTGCTTACTCAGGTGCTA 19

RESULT 1357
US-10-149-352-6/c
; Sequence 6, Application US/10149352
; Publication No. US20030105050A1
; GENERAL INFORMATION:
; APPLICANT: Beti, Rajinder
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 06275-254US1
; CURRENT APPLICATION NUMBER: US/10/149,352
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/GB00/04741
; PRIOR FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: GB 9929487.8
; PRIOR FILING DATE: 1999-12-15
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 4.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-149-352-6

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3370 GGGCCCTGAGGAGGAG 3388
Db 19 GGGCCCTGAGGAGGAG 1

RESULT 1358
US-10-196-183-4
; Sequence 4, Application US/10196183
; Publication No. US20030113871A1
; GENERAL INFORMATION:
; APPLICANT: Lee, Dong-eok
; APPLICANT: Park, Ji-sook
; APPLICANT: Chung, Bo-sup
; APPLICANT: Kim, Ki-wan
; APPLICANT: Oh, Myung-suk
; TITLE OF INVENTION: Fusion protein having an enhanced in vivo erythropoietin activi
; FILE REFERENCE: 401729/YPLEE
; CURRENT APPLICATION NUMBER: US/10/196,183
; CURRENT FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: KR 10-2001-75994
; PRIOR FILING DATE: 2001-12-03
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer EC2 having the nucleotide sequence complementary to the t
US-10-196-183-4

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3308 GTCCCTGACGACGACC 3326
Db 1 GTCCCTGTCTTCGACGCC 19

RESULT 1359
US-10-006-430-29
; Sequence 29, Application US/10006430
; Publication No. US20030113914A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Kenneth Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD81 EXPRESSION
; FILE REFERENCE: RTS-0341
; CURRENT APPLICATION NUMBER: US/10/006,430
; CURRENT FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-430-29

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3539 GCTGACGAGCCCGAGATG 3557
Db 1 GTTGACAAAGCCCGAGATG 19

RESULT 1360
US-10-230-454-6
; Sequence 6, Application US/10230454
; Publication No. US20030124115A1
; GENERAL INFORMATION:
; APPLICANT: DONG-EOK, LEE
; APPLICANT: MYUNG-SUK, OH
; APPLICANT: BO-SUP, CHUNG
; APPLICANT: JI-SOOK, PARK
; APPLICANT: KI-WAN, KIM
; TITLE OF INVENTION: FUSION PROTEIN HAVING ENHANCED IN VIVO ACTIVITY OF
; FILE REFERENCE: 58105 (71970)
; CURRENT APPLICATION NUMBER: US/10/230,454
; CURRENT FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 2001-74975
; PRIOR FILING DATE: 2001-11-29
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer EP2 having
; OTHER INFORMATION: the nucleotide sequence complementary to the terminal
; OTHER INFORMATION: sequence of EPO cDNA
```

US-10-230-454-6

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3308 GTCCCTGACGACGCCC 3326
Db 1 GTCCCTGCTCTCCGACGCCC 19

RESULT 1361

US-10-027-983-88
; Sequence 88, Application US/10027983
; Publication No. US20030139360A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
; FILE REFERENCE: RFS-0340
; CURRENT APPLICATION NUMBER: US/10/027,983
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 88
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-027-983-88

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1780 CCTGTTCTCTCCAGCG 1798
Db 2 CCTGTTCTCTCCAGCG 20

RESULT 1362

US-10-360-186-9
; Sequence 9, Application US/10360186
; Publication No. US20030144208A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Lasser, Gerald W.
; TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND IMMUNE FUNCTION
; FILE REFERENCE: 99-12C3
; CURRENT APPLICATION NUMBER: US/10/360,186
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US/09/619,740
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 09/253,604
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: 09/444,794
; PRIOR FILING DATE: 1999-11-22
; PRIOR APPLICATION NUMBER: 09/506,855
; PRIOR FILING DATE: 2000-02-17
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC13532
US-10-360-186-9

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2492 GACGAGTGAAGTACAC 2510
Db 1 GAGAGGCGCTGAAGACAC 19

RESULT 1363

US-10-348-485-37
; Sequence 37, Application US/10348485
; Publication No. US20030148989A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Holmlund, Jon T.
; APPLICANT: Dorr, F. Andrew
; TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase C
; FILE REFERENCE: 1S154954
; CURRENT APPLICATION NUMBER: US/10/348,485
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/10/025,139
; PRIOR FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 08/829,637
; PRIOR FILING DATE: 1997-03-31
; PRIOR APPLICATION NUMBER: US 08/478,178
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/089,996
; PRIOR FILING DATE: 1993-07-09
; PRIOR APPLICATION NUMBER: US 07/852,852
; PRIOR FILING DATE: 1992-03-16
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-348-485-37

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2984 GCGCAGCAAGCGAGCTG 3002
Db 1 GCGCCAGAAACGTAGCAG 19

RESULT 1364

US-10-083-246A-149
; Sequence 149, Application US/10083246A
; Publication No. US20030152936A1
; GENERAL INFORMATION:
; APPLICANT: Athena Diagnostics
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR GENETIC ANALYSIS OF POLYCYSTIC KIDN
; FILE REFERENCE: 1133/2002
; CURRENT APPLICATION NUMBER: US/10/083,246A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 149
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: Synthetic primer
US-10-083-246A-149

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;

APPLICANT: Kevin P. Baker
APPLICANT: David A. Botstein
APPLICANT: Luc Desnoyers
APPLICANT: Dan L. Eaton
APPLICANT: Napoleone Ferrara
APPLICANT: Sherman Fong
APPLICANT: Wei-Qiang Gao
APPLICANT: Hanspeter Gerber
APPLICANT: Mary E. Gerltzen
APPLICANT: Audrey Goddard
APPLICANT: Paul J. Godowski
APPLICANT: Austen L. Gurney
APPLICANT: Ivar J. Kljavin
APPLICANT: Jennie P. Macher
APPLICANT: Mary A. Napier
APPLICANT: James Pan
APPLICANT: Nicholas P. Paoni
APPLICANT: Margaret Ann Roy
APPLICANT: Timothy A. Stewart
APPLICANT: Daniel Tumas
APPLICANT: Colin K. Watanabe
APPLICANT: P. Mickey Williams
APPLICANT: William I. Wood
APPLICANT: Zemin Zang
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3130R1C6
CURRENT APPLICATION NUMBER: US/10/066,198
PRIOR FILING DATE: 2002-02-01-
PRIOR APPLICATION NUMBER: 10/002,796
PRIOR FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/056974
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PRIOR APPLICATION NUMBER: 60/059115
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PRIOR FILING DATE: 1997-09-18
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PRIOR FILING DATE: 1997-10-24
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PRIOR APPLICATION NUMBER: 60/074086
PRIOR FILING DATE: 1998-02-09
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PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/095998
PRIOR FILING DATE: 1998-08-10
PRIOR APPLICATION NUMBER: 60/097000
PRIOR FILING DATE: 1998-08-18
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PRIOR FILING DATE: 1998-09-09
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PRIOR FILING DATE: 1998-09-10

PRIOR APPLICATION NUMBER: 60/099812
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/100858
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/101922
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PRIOR APPLICATION NUMBER: 60/106032
PRIOR FILING DATE: 1998-10-28
PRIOR APPLICATION NUMBER: 60/109304
PRIOR FILING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: 60/125778
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/139695
PRIOR FILING DATE: 1999-06-15
PRIOR APPLICATION NUMBER: 60/145070
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/145698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: 60/149396
PRIOR FILING DATE: 1999-08-17
PRIOR APPLICATION NUMBER: 60/159495
PRIOR FILING DATE: 1999-12-07
PRIOR APPLICATION NUMBER: 08/918874
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 08/933821
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 08/960507
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 09/114844
PRIOR FILING DATE: 1998-07-14
PRIOR APPLICATION NUMBER: 09/136801
PRIOR FILING DATE: 1998-08-19
PRIOR APPLICATION NUMBER: 09/136804
PRIOR FILING DATE: 1998-08-19
PRIOR APPLICATION NUMBER: 09/136828
PRIOR FILING DATE: 1998-08-19
PRIOR APPLICATION NUMBER: 09/158342
PRIOR FILING DATE: 1998-09-21
PRIOR APPLICATION NUMBER: 09/180997
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 09/202088
PRIOR FILING DATE: 1998-12-08
PRIOR APPLICATION NUMBER: 09/254311
PRIOR FILING DATE: 1999-03-03
PRIOR APPLICATION NUMBER: 09/254460
PRIOR FILING DATE: 1999-03-09
PRIOR APPLICATION NUMBER: 09/254465
PRIOR FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: 09/284663
PRIOR FILING DATE: 1999-04-15
PRIOR APPLICATION NUMBER: 09/332928
PRIOR FILING DATE: 1999-06-14
PRIOR APPLICATION NUMBER: 09/332929
PRIOR FILING DATE: 1999-06-14
PRIOR APPLICATION NUMBER: 09/333075
PRIOR FILING DATE: 1999-06-14
PRIOR APPLICATION NUMBER: 09/333077
PRIOR FILING DATE: 1999-06-14
PRIOR APPLICATION NUMBER: 09/380137
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/380138
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/380139
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/403296
PRIOR FILING DATE: 1999-10-18
PRIOR APPLICATION NUMBER: 09/403297
PRIOR FILING DATE: 1999-10-18
PRIOR APPLICATION NUMBER: 09/423741
PRIOR FILING DATE: 1999-11-10
PRIOR APPLICATION NUMBER: 09/423844
PRIOR FILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 09/522332

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; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: 09/548815
; PRIOR FILING DATE: 2000-04-13
; PRIOR APPLICATION NUMBER: 09/664610
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: 09/665350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: 09/709238
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 09/767609
; PRIOR FILING DATE: 2001-01-22
; PRIOR APPLICATION NUMBER: 09/802706
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: 09/808689
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 09/866028
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 09/870574
; PRIOR FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: 09/872035
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: 09/886342
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: PCT/US98/14552
; PRIOR FILING DATE: 1998-07-14
; PRIOR APPLICATION NUMBER: PCT/US98/18824
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: PCT/US98/19093
; PRIOR FILING DATE: 1998-09-14
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: PCT/US98/19437
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: PCT/US98/24855
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: 1998-12-01
; PRIOR APPLICATION NUMBER: PCT/US98/25190
; PRIOR FILING DATE: 1998-11-25
; PRIOR APPLICATION NUMBER: PCT/US99/05028
; PRIOR FILING DATE: 1999-03-08
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: 1999-06-02
; PRIOR APPLICATION NUMBER: PCT/US99/20111
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCACAGTGCTA 2719
Db      1 TTGCCTTACTCAGTGCTA 19

RESULT 1370
US-10-265-542-16
; Sequence 16, Application US/10265542
; Publication No. US20030171568A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Aethkenazi, Avi J.
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Napier, Mary A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William I.
```

```

; TITLE OF INVENTION: USE OF A33 ANTIGENS AND JAW-IT
; FILE REFERENCE: GENENT.100A
; CURRENT APPLICATION NUMBER: US/10/265,542
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: 60/059,119
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/066,364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/078,936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/100,858
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/109,304
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: 60/113,511
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/131,445
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 31
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-265-542-16

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCACAGTGCTA 2719
Db      1 TTGCCTTACTCAGTGCTA 19

RESULT 1371
US-10-053-645A-28/c
; Sequence 28, Application US/10053645A
; Publication No. US20030176376A1
; GENERAL INFORMATION:
; APPLICANT: Robert E. Klem
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING A
; TITLE OF INVENTION: CELL-PROLIFERATIVE DISORDER USING CRE DECOY OLIGOMERS, BCL-2
; FILE REFERENCE: 10412-022-999
; CURRENT APPLICATION NUMBER: US/10/053,645A
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/263,244
; PRIOR FILING DATE: 2001-01-22
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of artificial sequence: Synthetic Antisense
; OTHER INFORMATION: Oligonucleotide
US-10-053-645A-28

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3919 CGACGCCGGCGCGCGCT 3937
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Db 19 CGCTGCCGCCGCCGCT 1

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RESULT 1372
US-10-305-810-44
; Sequence 44, Application US/10305810
; Publication No. US20030176585A1
; GENERAL INFORMATION:
; APPLICANT: Ju, Jingfang
; APPLICANT: Huang, Chunli
; APPLICANT: Zhong, Haihong
; APPLICANT: Simons, Jan-Predrik
; APPLICANT: Tallon, Bruce E.
; APPLICANT: Chant, John S.
; APPLICANT: Peyman, John A.
; APPLICANT: Smithson, Glenda
; APPLICANT: Millet, Isabelle
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN EXPRESSION
; FILE REFERENCE: 21402-501
; CURRENT APPLICATION NUMBER: US/10/305,810
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/334,148
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: 60/336,572
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 09/625,634
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/192,838
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/194,256
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/957,187
; PRIOR FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/233,798
; PRIOR FILING DATE: 2000-09-19
; PRIOR APPLICATION NUMBER: 09/970,813
; PRIOR FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: 60/182,637
; PRIOR FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 60/240,316
; PRIOR FILING DATE: 2000-10-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Curaseqlist version 0.1
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: IL-8-AS2
US-10-305-810-44

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 201 GAGGCTGCGCAAGAACCC 219
Db 2 GAAGGCTGCCAAGAGGCC 20

RESULT 1373
US-10-392-531-9
; Sequence 9, Application US/10392531
; Publication No. US20030176585A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGS
; FILE REFERENCE: 97-30
; CURRENT APPLICATION NUMBER: US/10/392,531
; CURRENT FILING DATE: 2003-03-20
; PRIOR APPLICATION NUMBER: US/09/506,852
; PRIOR FILING DATE: 2000-02-17
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/053,154
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; PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-18
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC13532
US-10-392-531-9

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 2492 GACAGGATGAGTACAC 2510
Db 1 GAGAGGCTGAGAACAC 19

RESULT 1374
US-10-392-706-9
; Sequence 9, Application US/10392706
; Publication No. US2003017659A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGS
; FILE REFERENCE: 97-30
; CURRENT APPLICATION NUMBER: US/10/392,706
; CURRENT FILING DATE: 2003-03-20
; PRIOR APPLICATION NUMBER: US/09/506,852
; PRIOR FILING DATE: 2000-02-17
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/053,154
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-18
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC13532
US-10-392-706-9

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 2492 GACAGGATGAGTACAC 2510
Db 1 GAGAGGCTGAGAACAC 19

RESULT 1375
US-10-262-666-14/C
; Sequence 14, Application US/10262666
; Publication No. US20030180298A1
; GENERAL INFORMATION:
; APPLICANT: Nakayama, Eiichi
; APPLICANT: Ono, Toshiro
; APPLICANT: Old, Lloyd J.
; APPLICANT: Haegawa, Kosei
; APPLICANT: Matsushita, Hirokazu
; TITLE OF INVENTION: CANCER-TESTIS ANTIGENS
; FILE REFERENCE: L00461.70140
; CURRENT APPLICATION NUMBER: US/10/262,666
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: PCT/US02/12497
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US 60/356,937
; PRIOR FILING DATE: 2002-02-14
; PRIOR APPLICATION NUMBER: US 60/285,343
; PRIOR FILING DATE: 2001-04-20
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NUMBER OF SEQ ID NOS: 80
 SOFTWARE: Patentin version 3.1
 SEQ ID NO 14
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Primer
 US-10-262-666-14

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 9.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2645 CACTTCCAGTTTGTCTCC 2663
 DB 19 CACCTTCAGTTGTCTAC 1

RESULT 1376
 US-10-239-976-124
 Sequence 124, Application US/10299976
 Publication No. US20030180312A1
 GENERAL INFORMATION:
 APPLICANT: Genentech, Inc.
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, A.
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth, J.
 APPLICANT: Kijavlin, Ivar J.
 APPLICANT: Mather, Jennie P.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P1618P2C85
 CURRENT APPLICATION NUMBER: US/10/299,976
 PRIORITY FILING DATE: 2002-11-18
 PRIOR APPLICATION NUMBER: PCT/US00/04414
 PRIOR FILING DATE: 2000-02-22
 PRIOR APPLICATION NUMBER: US 60/143,048
 PRIOR FILING DATE: 1999-07-07
 PRIOR APPLICATION NUMBER: US 60/145,698
 PRIOR FILING DATE: 1999-07-26
 PRIOR APPLICATION NUMBER: US 60/146,222
 PRIOR FILING DATE: 1999-07-28
 PRIOR APPLICATION NUMBER: PCT/US99/20594
 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1999-09-13
 PRIOR APPLICATION NUMBER: PCT/US99/21090
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/21547
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/28214

PRIOR FILING DATE: 1999-11-29
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 124
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 OTHER INFORMATION: oligonucleotide probe
 US-10-239-976-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 9.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2701 TTGAGTTTCTCAGTGCTA 2719
 DB 1 TTGCTTACTCAGTGCTA 19

RESULT 1377
 US-10-066-203-96
 Sequence 96, Application US/10066203
 Publication No. US20030180796A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi J.
 APPLICANT: Kevin P. Baker
 APPLICANT: David A. Botstein
 APPLICANT: Luc Desnoyers
 APPLICANT: Dan L. Eaton
 APPLICANT: Napoleone Ferrara
 APPLICANT: Sherman Fong
 APPLICANT: Wei-Qiang Gao
 APPLICANT: Hanspeter Gerber
 APPLICANT: Mary E. Gerritsen
 APPLICANT: Audrey Goddard
 APPLICANT: Paul J. Godowski
 APPLICANT: Austin L. Gurney
 APPLICANT: Ivar J. Kijavlin
 APPLICANT: Jennie P. Mather
 APPLICANT: Mary A. Napier
 APPLICANT: James Pan
 APPLICANT: Nicholas F. Paoni
 APPLICANT: Margaret Ann Roy
 APPLICANT: Timothy A. Stewart
 APPLICANT: Daniel Tumas
 APPLICANT: Colin K. Watanabe
 APPLICANT: P. Mickey Williams
 APPLICANT: William I. Wood
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P1310R1C5
 CURRENT APPLICATION NUMBER: US/10/066,203
 PRIORITY FILING DATE: 2002-02-01
 PRIOR APPLICATION NUMBER: 10/002,796
 PRIOR FILING DATE: 2001-11-15
 PRIOR APPLICATION NUMBER: 60/056974
 PRIOR FILING DATE: 1997-08-26
 PRIOR APPLICATION NUMBER: 60/059115
 PRIOR FILING DATE: 1997-09-17
 PRIOR APPLICATION NUMBER: 60/059263
 PRIOR FILING DATE: 1997-09-18
 PRIOR APPLICATION NUMBER: 60/059588
 PRIOR FILING DATE: 1997-09-17
 PRIOR APPLICATION NUMBER: 60/062285
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/062816
 PRIOR FILING DATE: 1997-10-24
 PRIOR APPLICATION NUMBER: 60/063082
 PRIOR FILING DATE: 1997-10-31
 PRIOR APPLICATION NUMBER: 60/063329

;; PRIOR FILING DATE: 1997-10-27
;; PRIOR APPLICATION NUMBER: 60/063733
;; PRIOR FILING DATE: 1997-10-29
;; PRIOR APPLICATION NUMBER: 60/066364
;; PRIOR FILING DATE: 1997-11-21
;; PRIOR APPLICATION NUMBER: 60/066840
;; PRIOR FILING DATE: 1997-11-25
;; PRIOR APPLICATION NUMBER: 60/069694
;; PRIOR FILING DATE: 1997-12-16
;; PRIOR APPLICATION NUMBER: 60/074086
;; PRIOR FILING DATE: 1998-02-09
;; PRIOR APPLICATION NUMBER: 60/074092
;; PRIOR FILING DATE: 1998-02-09
;; PRIOR APPLICATION NUMBER: 60/079294
;; PRIOR FILING DATE: 1998-03-25
;; PRIOR APPLICATION NUMBER: 60/081049
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/095998
;; PRIOR FILING DATE: 1998-08-10
;; PRIOR APPLICATION NUMBER: 60/097000
;; PRIOR FILING DATE: 1998-08-18
;; PRIOR APPLICATION NUMBER: 60/099601
;; PRIOR FILING DATE: 1998-09-09
;; PRIOR APPLICATION NUMBER: 60/099803
;; PRIOR FILING DATE: 1998-09-10
;; PRIOR APPLICATION NUMBER: 60/099811
;; PRIOR FILING DATE: 1998-09-10
;; PRIOR APPLICATION NUMBER: 60/099812
;; PRIOR FILING DATE: 1998-09-10
;; PRIOR APPLICATION NUMBER: 60/100858
;; PRIOR FILING DATE: 1998-09-17
;; PRIOR APPLICATION NUMBER: 60/101922
;; PRIOR FILING DATE: 1998-09-24
;; PRIOR APPLICATION NUMBER: 60/106032
;; PRIOR FILING DATE: 1998-10-28
;; PRIOR APPLICATION NUMBER: 60/109304
;; PRIOR FILING DATE: 1998-11-20
;; PRIOR APPLICATION NUMBER: 60/125778
;; PRIOR FILING DATE: 1999-03-23
;; PRIOR APPLICATION NUMBER: 60/139695
;; PRIOR FILING DATE: 1999-06-15
;; PRIOR APPLICATION NUMBER: 60/145070
;; PRIOR FILING DATE: 1999-07-20
;; PRIOR APPLICATION NUMBER: 60/145698
;; PRIOR FILING DATE: 1999-07-26
;; PRIOR APPLICATION NUMBER: 60/149396
;; PRIOR FILING DATE: 1999-08-17
;; PRIOR APPLICATION NUMBER: 60/169495
;; PRIOR FILING DATE: 1999-12-07
;; PRIOR APPLICATION NUMBER: 60/918874
;; PRIOR FILING DATE: 1997-08-26
;; PRIOR APPLICATION NUMBER: 08/933821
;; PRIOR FILING DATE: 1997-09-19
;; PRIOR APPLICATION NUMBER: 08/960507
;; PRIOR FILING DATE: 1997-10-29
;; PRIOR APPLICATION NUMBER: 09/114844
;; PRIOR FILING DATE: 1998-07-14
;; PRIOR APPLICATION NUMBER: 09/136801
;; PRIOR FILING DATE: 1998-08-19
;; PRIOR APPLICATION NUMBER: 09/136804
;; PRIOR FILING DATE: 1998-08-19
;; PRIOR APPLICATION NUMBER: 09/136828
;; PRIOR FILING DATE: 1998-08-19
;; PRIOR APPLICATION NUMBER: 09/158342
;; PRIOR FILING DATE: 1998-09-21
;; PRIOR APPLICATION NUMBER: 09/180997
;; PRIOR FILING DATE: 1998-09-10
;; PRIOR APPLICATION NUMBER: 09/202088
;; PRIOR FILING DATE: 1998-12-08
;; PRIOR APPLICATION NUMBER: 09/254311
;; PRIOR FILING DATE: 1999-03-03
;; PRIOR APPLICATION NUMBER: 09/254460
;; PRIOR FILING DATE: 1999-03-09

;; PRIOR APPLICATION NUMBER: 09/254465
;; PRIOR FILING DATE: 1999-03-05
;; PRIOR APPLICATION NUMBER: 09/284663
;; PRIOR FILING DATE: 1999-04-15
;; PRIOR APPLICATION NUMBER: 09/332928
;; PRIOR FILING DATE: 1999-06-14
;; PRIOR APPLICATION NUMBER: 09/332929
;; PRIOR FILING DATE: 1999-06-14
;; PRIOR APPLICATION NUMBER: 09/333075
;; PRIOR FILING DATE: 1999-06-14
;; PRIOR APPLICATION NUMBER: 09/333077
;; PRIOR FILING DATE: 1999-06-14
;; PRIOR APPLICATION NUMBER: 09/380137
;; PRIOR FILING DATE: 1999-08-25
;; PRIOR APPLICATION NUMBER: 09/380138
;; PRIOR FILING DATE: 1999-08-25
;; PRIOR APPLICATION NUMBER: 09/380139
;; PRIOR FILING DATE: 1999-08-25
;; PRIOR APPLICATION NUMBER: 09/403296
;; PRIOR FILING DATE: 1999-10-18
;; PRIOR APPLICATION NUMBER: 09/403297
;; PRIOR FILING DATE: 1999-10-18
;; PRIOR APPLICATION NUMBER: 09/423741
;; PRIOR FILING DATE: 1999-11-10
;; PRIOR APPLICATION NUMBER: 09/423844
;; PRIOR FILING DATE: 1999-11-12
;; PRIOR APPLICATION NUMBER: 09/522342
;; PRIOR FILING DATE: 2000-03-09
;; PRIOR APPLICATION NUMBER: 09/548815
;; PRIOR FILING DATE: 2000-04-13
;; PRIOR APPLICATION NUMBER: 09/664610
;; PRIOR FILING DATE: 2000-09-18
;; PRIOR APPLICATION NUMBER: 09/665350
;; PRIOR FILING DATE: 2000-09-18
;; PRIOR APPLICATION NUMBER: 09/709238
;; PRIOR FILING DATE: 2000-11-08
;; PRIOR APPLICATION NUMBER: 09/767609
;; PRIOR FILING DATE: 2001-01-22
;; PRIOR APPLICATION NUMBER: 09/802706
;; PRIOR FILING DATE: 2001-03-09
;; PRIOR APPLICATION NUMBER: 09/808689
;; PRIOR FILING DATE: 2001-03-14
;; PRIOR APPLICATION NUMBER: 09/866028
;; PRIOR FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: 09/870574
;; PRIOR FILING DATE: 2001-05-30
;; PRIOR APPLICATION NUMBER: 09/872035
;; PRIOR FILING DATE: 2001-06-01
;; PRIOR APPLICATION NUMBER: 09/886342
;; PRIOR FILING DATE: 2001-06-19
;; PRIOR APPLICATION NUMBER: PCT/US98/14552
;; PRIOR FILING DATE: 1998-07-14
;; PRIOR APPLICATION NUMBER: PCT/US98/18824
;; PRIOR FILING DATE: 1998-09-10
;; PRIOR APPLICATION NUMBER: PCT/US98/19093
;; PRIOR FILING DATE: 1998-09-14
;; PRIOR APPLICATION NUMBER: PCT/US98/19330
;; PRIOR FILING DATE: 1998-09-16
;; PRIOR APPLICATION NUMBER: PCT/US98/19437
;; PRIOR FILING DATE: 1998-09-17
;; PRIOR APPLICATION NUMBER: PCT/US98/24855
;; PRIOR FILING DATE: 1998-11-20
;; PRIOR APPLICATION NUMBER: PCT/US98/25108
;; PRIOR FILING DATE: 1998-12-01
;; PRIOR APPLICATION NUMBER: PCT/US98/25190
;; PRIOR FILING DATE: 1998-11-25
;; PRIOR APPLICATION NUMBER: PCT/US99/05028
;; PRIOR FILING DATE: 1999-03-08
;; PRIOR APPLICATION NUMBER: PCT/US99/12252
;; PRIOR FILING DATE: 1999-06-02
;; PRIOR APPLICATION NUMBER: PCT/US99/20111
;; PRIOR FILING DATE: 1999-09-01
;; PRIOR APPLICATION NUMBER: PCT/US99/20594

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; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547

Query Match
Best Local Similarity 84.2%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCTCAGTGCTA 2719
Db 1 TTGCTTACTCAGTGCTA 19

RESULT 1378
US-10-032-585-4265
; Sequence 4265, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jlang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4265
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4265

Query Match
Best Local Similarity 84.2%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3517 CGTGCTCTCAGAGGAGCT 3535
Db 2 CGCTACTCAGACGAGCT 20

RESULT 1379
US-10-032-585-5326
; Sequence 5326, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jlang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5326
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5326

Query Match
Best Local Similarity 84.2%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1300 AGCTCAGCAACTGACGAG 1318
Db 1 AGCTCCACCAACTGCGAAG 19
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RESULT 1380
US-10-032-585-5522/C
; Sequence 5522, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jlang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5522
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5522

Query Match
Best Local Similarity 84.2%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2180 GACATTTCTCGGTTCTG 2198
Db 19 GAACATTTCTCGGTTCTG 1

RESULT 1381
US-10-032-585-5770
; Sequence 5770, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jlang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5770
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5770

Query Match
Best Local Similarity 84.2%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1982 GGTGCTGCGCAAGCTGAG 2000
Db 2 GGTGTGTCTCAAGCGTGAG 20

RESULT 1382
US-10-299-937-124
; Sequence 124, Application US/10299937
; Publication No. US20030185846A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
```

APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Macher, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: Pl618P2C86
CURRENT FILING DATE: 2002-11-18
PRIOR APPLICATION NUMBER: US/10/299,937
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide probe
US-10-299-937-124
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Oy 2701 TTGAGTTCTCAGTGCTA 2719
Db 1 TTGCTTACTCAGGTGCTA 19
RESULT 1383
US-10-352-615-21
Sequence 21, Application US/10352615
Publication No. US20030190285A1
GENERAL INFORMATION:
APPLICANT: VAN DEN VEN, W.J.M.
SCHOENMAEKERS, H.F.P.M.
TITLE OF INVENTION: MULTIPLE-TUMOR ABERRENT GROWTH
GENES
NUMBER OF SEQUENCES: 164

CORRESPONDENCE ADDRESS:
ADDRESSEE: The Webb Law Firm
STREET: 700 Koppers Building, 436 Seventh Avenue
CITY: Pittsburgh
STATE: PA
COUNTRY: USA
ZIP: 15219-1818
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/352,615
FILING DATE: 28-Jan-2003
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/894,454
FILING DATE: 15-AUG-1997
APPLICATION NUMBER: PCT/EP/00716
FILING DATE: 19-FEB-1996
APPLICATION NUMBER: 95200390.3
FILING DATE: 17-FEB-1995
APPLICATION NUMBER: 95201951.1
FILING DATE: 14-JUL-1995
ATTORNEY/AGENT INFORMATION:
NAME: Johnson, Barbara E
REGISTRATION NUMBER: 31,198
REFERENCE/DOCKET NUMBER: 702-971100
TELECOMMUNICATION INFORMATION:
TELEPHONE: 412-471-8815
TELEFAX: 412-471-4094
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-10-352-615-21
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Oy 326 GCAGCTCAGTTCTCTTCC 344
Db 1 GCAGCTCAGGCTCTCTCC 19
RESULT 1384
US-10-148-835-119/c
Sequence 119, Application US/10148835
Publication No. US20030207380A1
GENERAL INFORMATION:
APPLICANT: SAITO et al.
TITLE OF INVENTION: MUTANT ER alpha AND TEST SYSTEMS FOR TRANSACTIVATION
FILE REFERENCE: 2185-0648P
CURRENT APPLICATION NUMBER: US/10/148,835
CURRENT FILING DATE: 2002-10-11
NUMBER OF SEQ ID NOS: 213
NUMBER OF SEQ ID NOS: 213
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 119
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Designed
OTHER INFORMATION: oligonucleotide probe for southern hybridization
US-10-148-835-119
Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3794 GCGCGCCGCGCGGACAG 3812
Db 20 GTGCGCCGTCGAGGACAG 2

RESULT 1385

US-10-298-993-124
; Sequence 124, Application US/10298993
; Publication No. US20030211576A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvarolf, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Garber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P1618P2C94
; CURRENT APPLICATION NUMBER: US/10/298,993
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-10-298-993-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2701 TTGAGTTTCTCAGTGCTA 2719
Db 1 TTGCTTACTCAGTGCTA 19

RESULT 1386

US-10-144-140-81
; Sequence 81, Application US/10144140
; Publication No. US20030211606A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF DYRK4 EXPRESSION
; FILE REFERENCE: RTS-0362
; CURRENT APPLICATION NUMBER: US/10/144,140
; CURRENT FILING DATE: 2002-05-10
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-144-140-81

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4797 GTTGAAGAGAGCAGAAAT 4815
Db 1 GTGGAAGAGAGCAGACAT 19

RESULT 1387

US-10-448-753-88
; Sequence 88, Application US/10448753
; Publication No. US20030211611A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
; FILE REFERENCE: RTS-0340
; CURRENT APPLICATION NUMBER: US/10/448,753
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: US/10/027,983
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 88
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-448-753-88

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1780 CCTGTTTCTCTCCAGAG 1798
Db 2 CCTGTTTCTCTCCAGAG 20

RESULT 1388
US-10-314-578-48
; Sequence 48, Application US/10314578

Publication No. US20030212026A1
GENERAL INFORMATION:
APPLICANT: Kriegel, Arthur M.
APPLICANT: Schetter, Christian
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 48
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: modified_base
LOCATION: (8)...(9)
OTHER INFORMATION: m5c
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-10-314-578-48

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1357 TGCACGAGGCTCTGAGTCT 1376
Db 1 TCCATGTGCTCTGAGTCT 20

RESULT 1389
US-10-314-578-1055/c
Sequence 1055, Application US/10314578
Publication No. US20030212026A1
GENERAL INFORMATION:
APPLICANT: Kriegel, Arthur M.
APPLICANT: Schetter, Christian
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1055
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1055

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 888 CCCCCAGAACATCCCGC 906
Db 19 CCCCCAACATCATCCCC 1

RESULT 1390
US-10-419-549-2
Sequence 2, Application US/10419549
Publication No. US20030215423A1
GENERAL INFORMATION:
APPLICANT: Morey, Manal
APPLICANT: Gu, Mingcheng
APPLICANT: Zhao, Jing Zhang
APPLICANT: Caskey, C. Thomas
TITLE OF INVENTION: GENE THERAPY FOR OBESITY
FILE REFERENCE: 19725YPCA
CURRENT APPLICATION NUMBER: US/10/419,549
CURRENT FILING DATE: 2003-04-21
PRIOR APPLICATION NUMBER: PCT/US97/10371
PRIOR FILING DATE: 1997-06-20
PRIOR APPLICATION NUMBER: 08/878,737
PRIOR FILING DATE: 1997-06-19
PRIOR APPLICATION NUMBER: 60/026,753
PRIOR FILING DATE: 1996-09-26
PRIOR APPLICATION NUMBER: 60/020,813
PRIOR FILING DATE: 1996-06-20
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-10-419-549-2

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4254 TTACGACCAAGTGTGAGG 4272
Db 1 TCAGCACCACGAGGCTGAGG 19

RESULT 1391
US-10-147-196-24/c
Sequence 24, Application US/10147196
Publication No. US20030215943A1
GENERAL INFORMATION:
APPLICANT: Rosanne M. Crooke
APPLICANT: Mark J. Graham
TITLE OF INVENTION: ANTISENSE MODULATION OF APOLIPOPROTEIN B EXPRESSION
FILE REFERENCE: ISPH-0664
CURRENT APPLICATION NUMBER: US/10/147,196
CURRENT FILING DATE: 2002-05-15
NUMBER OF SEQ ID NOS: 124
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-147-196-24

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1342 AGCTCAGGCTTGTGCA 1360
Db 20 AGGGCAAGCCTTGCTGAA 2

RESULT 1392

US-10-174-364-81/c
; Sequence 81, Application US/10174364
; Publication No. US20030216308A1
; GENERAL INFORMATION:
; APPLICANT: Anderson et al.
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-729CIP2
; CURRENT APPLICATION NUMBER: US/10/174,364
; CURRENT FILING DATE: 2002-06-17
; PRIOR APPLICATION NUMBER: 60/190,835
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: 60/190,768
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: 60/190,972
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: 60/191,199
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: 60/191,947
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: 60/192,665
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/192,657
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/192,984
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/192,664
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/192,836
; PRIOR FILING DATE: 2000-03-29
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:chemically
US-10-174-364-81
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2620 TCTTTGCCACATTGAGGC 2638
Db 19 TCTTTGCCACACTTTGAGC 1
RESULT 1393
US-10-154-708-88/c
; Sequence 88, Application US/10154708
; Publication No. US20030219895A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CDC-LIKE KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0213
; CURRENT APPLICATION NUMBER: US/10/154,708
; CURRENT FILING DATE: 2002-05-22
; NUMBER OF SEQ ID NOS: 143
; SEQ ID NO 88
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-154-708-88
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3880 CTTCCAGATCGAATCAA 3898
Db 19 CTTCCAGAACGTAATCAA 1
RESULT 1394
US-10-154-708-142
; Sequence 142, Application US/10154708
; Publication No. US20030219895A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CDC-LIKE KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0213
; CURRENT APPLICATION NUMBER: US/10/154,708
; CURRENT FILING DATE: 2002-05-22
; NUMBER OF SEQ ID NOS: 143
; SEQ ID NO 142
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-154-708-142
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 3880 CTTCCAGATCGAATCAA 3898
Db 2 CTTCCAGAACGTAATCAA 20
RESULT 1395
US-10-159-266-48/c
; Sequence 48, Application US/10159266
; Publication No. US20030224511A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CATHEPSIN 2 EXPRESSION
; FILE REFERENCE: RTS-0398
; CURRENT APPLICATION NUMBER: US/10/159,266
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-266-48
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5005 CCAGCTGCGTGCAGGGA 5023
Db 20 CCAGCTGCGTGCAGGGA 2
RESULT 1396
US-10-159-266-122
; Sequence 122, Application US/10159266
; Publication No. US20030224511A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CATHEPSIN 2 EXPRESSION
; FILE REFERENCE: RTS-0398
; CURRENT APPLICATION NUMBER: US/10/159,266
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 122
; LENGTH: 20

TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-159-266-122

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5005 CCAGCTGCTGCCAGGAA 5023
DB 1 CCAGCTGCTGCCAGGAA 19

RESULT 1397
US-10-160-807-64/C
Sequence 64, Application US/10160807
Publication No. US20030224514A1
GENERAL INFORMATION:
APPLICANT: William Gaarde
APPLICANT: Susan M. Freiler
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
FILE REFERENCE: RTS-0189
CURRENT APPLICATION NUMBER: US/10/160,807
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 296
SEQ ID NO 64
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-807-64

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1664 CCAGCTCTGCAGCAGATG 1682
DB 20 CCAGCTCTGCAGCAGATG 2

RESULT 1398
US-10-160-807-212
Sequence 212, Application US/10160807
Publication No. US20030224514A1
GENERAL INFORMATION:
APPLICANT: William Gaarde
APPLICANT: Susan M. Freiler
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
FILE REFERENCE: RTS-0189
CURRENT APPLICATION NUMBER: US/10/160,807
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 296
SEQ ID NO 212
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-160-807-212

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1664 CCAGCTCTGCAGCAGATG 1682
DB 1 CCAGCTCTGCAGCAGATG 19

RESULT 1399
US-10-161-996-154/C
Sequence 154, Application US/10161996
Publication No. US20030224515A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freiler
APPLICANT: Brenda F. Baker
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN
FILE REFERENCE: RTS-0395
CURRENT APPLICATION NUMBER: US/10/161,996
CURRENT FILING DATE: 2002-06-04
NUMBER OF SEQ ID NOS: 273
SEQ ID NO 154
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-161-996-154

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3218 TGGCTCCAGCATCTCTGAA 3236
DB 19 TGGCTCCAGCATCTCTGAA 1

RESULT 1400
US-10-448-923-124
Sequence 124, Application US/10448923
Publication No. US20030225253A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gutney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavrin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/10/448,923
CURRENT FILING DATE: 2003-05-29
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222

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; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide probe
; US-10-448-923-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGGCTTACTCAGGTGCTA 19

RESULT 1401
; US-10-004-378A-157
; Sequence 157, Application US/10004378A
; Publication No. US20030228301A1
; GENERAL INFORMATION:
; APPLICANT: Li, Li
; APPLICANT: Furtak, Kazaryna
; APPLICANT: Perna, Amanda
; APPLICANT: Paturajan, Meera
; APPLICANT: Shimkets, Richard A
; APPLICANT: Guo, Xiaojia Saaba
; APPLICANT: Caeman, Stacie J
; APPLICANT: Burgess, Catherine E
; APPLICANT: Malyankar, Utiel M
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Vermet, Corrine A
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Agee, Michele
; APPLICANT: Rastelli, Luca
; APPLICANT: Shenoy, Suresh G
; APPLICANT: Grose, William M
; APPLICANT: Alsebrook II, John P
; APPLICANT: Lepley, Denise M
; APPLICANT: Getlach, Valerie
; APPLICANT: Edinger, Schromit
; APPLICANT: MacDougall, John R
; APPLICANT: Peyman, John A
; APPLICANT: Gunther, Erik
; APPLICANT: Stone, David J
; APPLICANT: Ellerman, Karen
; APPLICANT: Gangolli, Esna A
; TITLE OF INVENTION: No. US20030228301A1et Human Proteins, Polynucleotides Encoding Th
; TITLE OF INVENTION: Methode of Using the Same
; FILE REFERENCE: 21402-179
; CURRENT APPLICATION NUMBER: US/10/004,378A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 60/242,882
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: 60/242,765
; PRIOR FILING DATE: 2000-10-24
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; PRIOR APPLICATION NUMBER: 60/300,206
; PRIOR FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: 60/242,789
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: 60/242,768
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: 60/242,767
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: 60/243,622
; PRIOR FILING DATE: 2000-10-26
; PRIOR APPLICATION NUMBER: 60/273,047
; PRIOR FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 60/243,591
; PRIOR FILING DATE: 2000-10-26
; PRIOR APPLICATION NUMBER: 60/243,950
; PRIOR FILING DATE: 2000-10-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 191
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 157
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
; OTHER INFORMATION: sequence
; US-10-004-378A-157

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1031 TTGGCTTCCAGAGAGCAT 1049
Db      2 TTGGCATCCAGAGATCTT 20

RESULT 1402
; US-10-388-263-556/c
; Sequence 556, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowser, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeill, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasnor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 556
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; OTHER INFORMATION: sequence
; US-10-388-263-556

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1342 AGGTCAAGGCTTGCTGCA 1360
```

Db 20 AGGCGAAGCCTTGCTGA 2

RESULT 1403
US-10-174-771-13
; Sequence 13, Application US/10174771
; Publication No. US20030232034A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUNCTIONAL ADHESION MOLECULE 3 EXPRESSION
; FILE REFERENCE: RTS-0430
; CURRENT APPLICATION NUMBER: US/10/174,771
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 151
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
US-10-174-771-13
OTHER INFORMATION: Antisense Oligonucleotide

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2328 AAGCAGCAGCAGTACGCG 2346
Db 1 AAGCAGCAGCAGCAGCAG 19

RESULT 1404
US-10-174-771-56/c
; Sequence 56, Application US/10174771
; Publication No. US20030232034A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUNCTIONAL ADHESION MOLECULE 3 EXPRESSION
; FILE REFERENCE: RTS-0430
; CURRENT APPLICATION NUMBER: US/10/174,771
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 151
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
US-10-174-771-56
OTHER INFORMATION: Antisense Oligonucleotide

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1814 GGAGCAGCTCTGGCAGCTAC 1832
Db 20 GGAGCAGCTCTGGCAGCTAC 2

RESULT 1405
US-10-174-771-125
; Sequence 125, Application US/10174771
; Publication No. US20030232034A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUNCTIONAL ADHESION MOLECULE 3 EXPRESSION
; FILE REFERENCE: RTS-0430
; CURRENT APPLICATION NUMBER: US/10/174,771
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 151
; SEQ ID NO 125
; LENGTH: 20

TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-174-771-125

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1814 GGAGCAGCTCTGGCAGCTAC 1832
Db 1 GGAGCAGCTCTGGCAGCTAC 19

RESULT 1406
US-10-173-817-22/c
; Sequence 22, Application US/10173817
; Publication No. US20030232438A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
; FILE REFERENCE: RTS-0359
; CURRENT APPLICATION NUMBER: US/10/173,817
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 131
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
US-10-173-817-22
OTHER INFORMATION: Antisense Oligonucleotide

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2628 ACATTGAGCGCAGGTCA 2646
Db 19 ACATTGAGCGCAGGTGCA 1

RESULT 1407
US-10-173-817-93
; Sequence 93, Application US/10173817
; Publication No. US20030232438A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
; FILE REFERENCE: RTS-0359
; CURRENT APPLICATION NUMBER: US/10/173,817
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 131
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-173-817-93

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2628 ACATTGAGCGCAGGTCA 2646
Db 2 ACATTGAGCGCAGGTGCA 20

RESULT 1408
US-10-177-798-29

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; Sequence 29, Application US/10177798
; Publication No. US20030235912A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ORPHAN G-PROTEIN COUPLED RECEPTOR GPRC5B
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: PHS-0047
; CURRENT APPLICATION NUMBER: US/10/177,798
; CURRENT FILING DATE: 2002-06-19
; NUMBER OF SEQ ID NOS: 70
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-798-29

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3828 AAGACCCCGTCAGCTCC 3846
Db      2 AAGCCCCGTTCACTTCC 20

RESULT 1409
US-10-271-602B-20
; Sequence 20, Application US/10271602B
; Publication No. US20040002073A1
; GENERAL INFORMATION:
; APPLICANT: Alice Xiang Li
; APPLICANT: Ghazala Hashmi
; APPLICANT: Michael Seul
; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
; TITLE OF INVENTION: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
; FILE REFERENCE: eMAP-US
; CURRENT APPLICATION NUMBER: US/10/271,602B
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/329,427
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,620
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/329,428
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,619
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/364,416
; PRIOR FILING DATE: 2002-03-14
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe sequence derived from human genomic sequence
US-10-271-602B-20

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1540 TCCTGAGCTCATTAGTC 1558
Db      2 TCCTGAGCTGCTTAGTC 20

RESULT 1410
US-10-271-602B-29
; Sequence 29, Application US/10271602B
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```
; Publication No. US20040002073A1
; GENERAL INFORMATION:
; APPLICANT: Alice Xiang Li
; APPLICANT: Ghazala Hashmi
; APPLICANT: Michael Seul
; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
; TITLE OF INVENTION: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
; FILE REFERENCE: eMAP-US
; CURRENT APPLICATION NUMBER: US/10/271,602B
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/329,427
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,620
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/329,428
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,619
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/364,416
; PRIOR FILING DATE: 2002-03-14
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-10-271-602B-29

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1540 TCCTGAGCTCATTAGTC 1558
Db      2 TCCTGAGCTGCTTAGTC 20

RESULT 1411
US-10-271-602B-50
; Sequence 50, Application US/10271602B
; Publication No. US20040002073A1
; GENERAL INFORMATION:
; APPLICANT: Alice Xiang Li
; APPLICANT: Ghazala Hashmi
; APPLICANT: Michael Seul
; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
; TITLE OF INVENTION: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
; FILE REFERENCE: eMAP-US
; CURRENT APPLICATION NUMBER: US/10/271,602B
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/329,427
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,620
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/329,428
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,619
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/364,416
; PRIOR FILING DATE: 2002-03-14
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-10-271-602B-50

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1540 TCCTGAGCTCATTAGTC 1558
```

Db 2 TCTTGACAGCTGCTTAAGTC 20

RESULT 1412
US-10-186-157-16
; Sequence 16, Application US/10186157
; Publication No. US20040002151A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SELENOPHOSPHATE SYNTHETASE 2 EXPRESSION
; FILE REFERENCE: RTS-0193
; CURRENT APPLICATION NUMBER: US/10/186,157
; CURRENT FILING DATE: 2002-06-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-186-157-16

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4737 CCGCGGGTTCGCGCATGGC 4755
Db 2 CCGAGGCTTCGCGCATGGC 20

RESULT 1413
US-10-369-435-56/c
; Sequence 56, Application US/10369435
; Publication No. US20040002440A1
; GENERAL INFORMATION:
; APPLICANT: Mathews, Sarah
; APPLICANT: Timms, Peter
; TITLE OF INVENTION: No. US20040002440A1 Diagnostic Agents and Uses Therefor
; FILE REFERENCE: 10338-15US (2615070/VPA)
; CURRENT APPLICATION NUMBER: US/10/369,435
; CURRENT FILING DATE: 2003-02-19
; PRIOR APPLICATION NUMBER: AU P03540/00
; PRIOR FILING DATE: 2000-08-18
; PRIOR APPLICATION NUMBER: PCT/AU01/01021
; PRIOR FILING DATE: 2001-08-17
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: synthetic
US-10-369-435-56

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 769 ACAAGAGAAACATGGG 787
Db 19 ACAACATGAACATGGG 1

RESULT 1414
US-10-174-014-30
; Sequence 30, Application US/10174014
; Publication No. US20040005292A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; APPLICANT: Kenneth W. Doble

; TITLE OF INVENTION: ANTISENSE MODULATION OF SMRT EXPRESSION
; FILE REFERENCE: PTS-0012
; CURRENT APPLICATION NUMBER: US/10/174,014
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-014-30

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1145 GACCACACTGCTCTGCAAG 1163
Db 2 GCCCACCCTGCTCTGCAAG 20

RESULT 1415
US-10-174-014-61/c
; Sequence 61, Application US/10174014
; Publication No. US20040005292A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMRT EXPRESSION
; FILE REFERENCE: PTS-0012
; CURRENT APPLICATION NUMBER: US/10/174,014
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-174-014-61

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1145 GACCACACTGCTCTGCAAG 1163
Db 19 GCCCACCCTGCTCTGCAAG 1

RESULT 1416
US-10-188-646-83
; Sequence 83, Application US/10188646
; Publication No. US20040005565A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
; FILE REFERENCE: RTS-0373
; CURRENT APPLICATION NUMBER: US/10/188,646
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-646-83

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4925 CAGTTAAGCCAGCCCCC 4943

Db 1 CAGTTAAGCCATCCCCC 19

RESULT 1417
US-10-188-646-147/c

; Sequence 147, Application US/10188646

; Publication No. US20040005565A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION

; FILE REFERENCE: RTS-0373

; CURRENT APPLICATION NUMBER: US/10/188,646

; NUMBER OF SEQ ID NOS: 153

; SEQ ID NO 147

; LENGTH: 20

; TYPE: DNA

; ORGANISM: H. sapiens

; FEATURE:

US-10-188-646-147

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4925 CAGTTAAGCCAGCCCCC 4943

Db 20 CAGTTAAGCCATCCCCC 2

RESULT 1418

US-10-349-143-5639

; Sequence 5639, Application US/10349143

; Publication No. US20040005584A1

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CP1

; CURRENT APPLICATION NUMBER: US/10/349,143

; PRIOR FILING DATE: 2003-01-21

; PRIOR APPLICATION NUMBER: US/09/422,978

; PRIOR FILING DATE: 1999-10-20

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 5639

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..20

; OTHER INFORMATION: upstream amplification primer 99-5756 for SEQ 1705,

US-10-349-143-5639

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2812 ATGAAGAAGGAAGTAGG 2830

Db 2 ATAAAGAAGGAAGGAGG 20

RESULT 1419

US-10-349-143-7908/c

; Sequence 7908, Application US/10349143

; Publication No. US20040005584A1

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CP1

; CURRENT APPLICATION NUMBER: US/10/349,143

; PRIOR FILING DATE: 2003-01-21

; PRIOR APPLICATION NUMBER: US/09/422,978

; PRIOR FILING DATE: 1999-10-20

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 7908

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..20

; OTHER INFORMATION: downstream amplification primer 99-12575 for SEQ 43, in compleme

US-10-349-143-7908

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3318 CAGCAGCCACAGCCCTGA 3336

Db 20 CAGAGCCCATGACGACGA 2

RESULT 1420

US-10-349-143-8384/c

; Sequence 8384, Application US/10349143

; Publication No. US20040005584A1

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CP1

; CURRENT APPLICATION NUMBER: US/10/349,143

; PRIOR FILING DATE: 2003-01-21

; PRIOR APPLICATION NUMBER: US/09/422,978

; PRIOR FILING DATE: 1999-10-20

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 8384

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..20

; OTHER INFORMATION: downstream amplification primer 99-15098 for SEQ 519, in compleme

US-10-349-143-8384

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2128 GCCACTTGACTTCAGAG 2146
Db 20 GCCACCGTACTTCAGAG 2

RESULT 1421
US-10-349-143-10419
; Sequence 10419, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Ballelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10419
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-11788 for SEQ 2554, in complete
US-10-349-143-10419

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1326 TCATCATTTGAAGACAG 1344
Db 2 TCAGCAATTAAGACAG 20

RESULT 1422
US-10-437-733-31/c
; Sequence 31, Application US/10437733
; Publication No. US20040005612A1
; GENERAL INFORMATION:
; APPLICANT: GIUDICE, LINDA C.
; APPLICANT: KAO, LEE C.
; TITLE OF INVENTION: ENDOMETRIAL GENES IN ENDOMETRIAL
; TITLE OF INVENTION: DISORDERS
; FILE REFERENCE: STAN-266
; CURRENT APPLICATION NUMBER: US/10/437,733
; PRIOR FILING DATE: 2003-05-13
; PRIOR APPLICATION NUMBER: 60/380,689
; PRIOR FILING DATE: 2002-05-14
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-437-733-31

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 148 TCAGTCGCACTGACACT 166
Db 19 TGAGTCGCACTGACACT 1

RESULT 1423
US-10-449-656-124
; Sequence 124, Application US/10449656
; Publication No. US20040005655A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie F.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tuma, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/10/449,656
; PRIOR FILING DATE: 2003-05-29
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe

US-10-449-656-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2701 TTGAGTTCTCAGGTGCTA 2719
Db 1 TTGCTTACTCAGGTGCTA 19

RESULT 1424

US-10-189-267-56
; Sequence 56; Application US/10189267
; Publication No. US2004006030A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION
; FILE REFERENCE: Pts-0038
; CURRENT APPLICATION NUMBER: US/10/189,267
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 284
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-189-267-56

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5051 GAAATAGTCGACCTTTTC 5069
Db 1 GAACTAGTACCGCTTTTC 19

RESULT 1425
US-10-189-267-199/c
; Sequence 199; Application US/10189267
; Publication No. US2004006030A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION
; FILE REFERENCE: Pts-0038
; CURRENT APPLICATION NUMBER: US/10/189,267
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 284
; SEQ ID NO 199
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-189-267-199

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5051 GAAATAGTCGACCTTTTC 5069
Db 20 GAACTAGTACCGCTTTTC 2

RESULT 1426
US-10-448-713-124
; Sequence 124; Application US/10448713

; Publication No. US2004006211A1
; GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvarolf, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gunney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tuma, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/10/448,713
; CURRENT FILING DATE: 2003-05-29
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; Remaining prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-448-713-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2701 TTGAGTTCTCAGGTGCTA 2719
Db 1 TTGCTTACTCAGGTGCTA 19

RESULT 1427


```
US-10-289-762-1329/c
; Sequence 1329, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1329
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

US-10-289-762-1329
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4323 CTCGCTCTGTGTAAGG 4341
DB 19 CTCGATCTTCGTAAGG 1

RESULT 1428
US-10-289-762-1354
; Sequence 1354, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1354
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

US-10-289-762-1354
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 282 CTCCTCTCTCTCTGCTT 300
DB 2 CCTCTCTCTCTCTGCTT 20

RESULT 1429
US-10-289-762-3148/c
; Sequence 3148, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3148
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

US-10-289-762-3148
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3687 ATCGTCTCACAAGCC 3705
DB 20 ATCGTCTCTCCATAGACC 2

RESULT 1430
US-10-289-762-4014
; Sequence 4014, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4014
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

US-10-289-762-4014
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4473 GTGCTGTGCTAAGTCTT 4491
DB 1 GAGCTATGCTATGCTT 19

RESULT 1431
US-10-289-762-4648
; Sequence 4648, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4648
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

US-10-289-762-4648
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 944 TTCAAGAGAAATCCCGA 962
DB 2 TTGAAGAGAAATCCCGA 20

RESULT 1432
US-10-289-762-6018/c
; Sequence 6018, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6018
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

US-10-289-762-6018/c
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 944 TTCAAGAGAAATCCCGA 962
DB 2 TTGAAGAGAAATCCCGA 20
```

```
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6018
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6018

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2645 CACTTCCAGTTGTCCTCC 2663
Db      19 CACTTCTCATTTCTCTCC 1

RESULT 1433
US-10-289-762-6232/c
; Sequence 6232, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6232
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6232

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3041 AGCCCACTTCGAGGGGAG 3059
Db      19 AGGTCACTTCGAGGGAG 1

RESULT 1434
US-10-289-762-6317/c
; Sequence 6317, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6317
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6317

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2223 CCCTTAACATCACTCACC 2241
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```
Db      19 CCCGTTATCATCATCACC 1

RESULT 1435
US-10-289-762-6458
; Sequence 6458, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6458
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6458

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2331 CAGCAGCAGTACCGCAGAC 2349
Db      2 CAGCAGCAGAACCGCAAGC 20

RESULT 1436
US-10-199-199-23/c
; Sequence 23, Application US/10199199
; Publication No. US20040014047A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0375
; CURRENT APPLICATION NUMBER: US/10/199,199
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-199-23

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3498 GCGAAGAACCGCAGGGACA 3516
Db      19 GCGAAGAACGTATGGAGA 1

RESULT 1437
US-10-199-675-25
; Sequence 25, Application US/10199675
; Publication No. US20040014050A1
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; TITLE OF INVENTION: ANTISENSE MODULATION OF EDG8 EXPRESSION
; FILE REFERENCE: RTS-0371
; CURRENT APPLICATION NUMBER: US/10/199,675
; CURRENT FILING DATE: 2002-07-19
; NUMBER OF SEQ ID NOS: 112
```

SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-675-25

Query Match 0.3% Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3161 CACCAGCCAGCCCATG 3179
Db 1 CAGCAGCCCGCATCTCATG 19

RESULT 1438
US-10-199-675-93/c
Sequence 93, Application US/10199675
Publication No. US20040014050A1
GENERAL INFORMATION:
APPLICANT: William Gaarde
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF EDG8 EXPRESSION
FILE REFERENCE: RTS-0371
CURRENT APPLICATION NUMBER: US/10/199,675
CURRENT FILING DATE: 2002-07-19
NUMBER OF SEQ ID NOS: 112
SEQ ID NO 93
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-199-675-93

Query Match 0.3% Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3161 CACCAGCCAGCCCATG 3179
Db 20 CAGCAGCCCGCATCTCATG 2

RESULT 1439
US-10-198-695-9
Sequence 9, Application US/10198695
Publication No. US20040014650A1
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
APPLICANT: Lasser, Gerald W.
APPLICANT: Bishop, Paul D.
TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND
TITLE OF INVENTION: IMMUNE FUNCTION
FILE REFERENCE: 99-112
CURRENT APPLICATION NUMBER: US/10/198,695
CURRENT FILING DATE: 2002-07-17
NUMBER OF SEQ ID NOS: 50
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 9
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide ZC13532
US-10-198-695-9

Query Match 0.3% Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2492 GACAGGATGAGTACAAC 2510

Db 1 CAGAGCGCTGAAGAACAC 19

RESULT 1440
US-10-435-696-217
Sequence 217, Application US/10435696
Publication No. US20040018525A1
GENERAL INFORMATION:
APPLICANT: Wirtz, Ralph
APPLICANT: Munnes, Marc
APPLICANT: Kallabis, Harald
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
TITLE OF INVENTION: PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA
FILE REFERENCE: Lea 36 108
CURRENT APPLICATION NUMBER: US/10/435,696
CURRENT FILING DATE: 2003-05-09
PRIOR APPLICATION NUMBER: EP03003112.4
PRIOR FILING DATE: 2003-02-13
PRIOR APPLICATION NUMBER: EP02010291.9
PRIOR FILING DATE: 2002-05-21
NUMBER OF SEQ ID NOS: 314
SOFTWARE: PatentIn version 3.1
SEQ ID NO 217
LENGTH: 20
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: LOC51242 for
US-10-435-696-217

Query Match 0.3% Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4882 GGTCCCTGTGCTCTCTC 4900
Db 2 GGGTCCTGTGCTCTCTTC 20

RESULT 1441
US-10-435-696-287
Sequence 287, Application US/10435696
Publication No. US20040018525A1
GENERAL INFORMATION:
APPLICANT: Wirtz, Ralph
APPLICANT: Munnes, Marc
APPLICANT: Kallabis, Harald
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
TITLE OF INVENTION: PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA
FILE REFERENCE: Lea 36 108
CURRENT APPLICATION NUMBER: US/10/435,696
CURRENT FILING DATE: 2003-05-09
PRIOR APPLICATION NUMBER: EP03003112.4
PRIOR FILING DATE: 2003-02-13
PRIOR APPLICATION NUMBER: EP02010291.9
PRIOR FILING DATE: 2002-05-21
NUMBER OF SEQ ID NOS: 314
SOFTWARE: PatentIn version 3.1
SEQ ID NO 287
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: D1184358 forward primer
US-10-435-696-287

Query Match 0.3% Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2407 TCGAGGAGGAAGAAATCAC 2425

Db 1 TCGAGAGCAGCAAAATCAC 19

RESULT 1442

US-10-440-464-177
; Sequence 177, Application US/10440464
; Publication No. US20040018528A1
; GENERAL INFORMATION:
; APPLICANT: DEPRIMO, SAMUEL
; APPLICANT: O'FARRELL, ANNE-MARIE
; APPLICANT: MORIMOTO, ALYSSA
; APPLICANT: SMOLICH, BEVERLY
; APPLICANT: MANNING, WILLIAM
; APPLICANT: WALTER, SARAH
; APPLICANT: CHERRINGTON, JULIE
; APPLICANT: SCHILLING, JIM
; TITLE OF INVENTION: NOVEL BIOMARKERS OF TYROSINE KINASE INHIBITOR EXPOSURE
; FILE REFERENCE: 038602/1592
; CURRENT APPLICATION NUMBER: US/10/440,464
; PRIOR FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/380,872
; PRIOR FILING DATE: 2002-05-17
; PRIOR APPLICATION NUMBER: 60/448,922
; PRIOR FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: 60/448,874
; PRIOR FILING DATE: 2003-02-24
; NUMBER OF SEQ ID NOS: 185
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 177
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-440-464-177

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1355 GCTGCAGCAGGCTCTGAG 1373

Db 1 GCTGCATGTGATCTCTGAG 19

RESULT 1443

US-10-161-493-189
; Sequence 189, Application US/10161493
; Publication No. US20040018555A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W
; APPLICANT: Zerhusen, Bryan D
; APPLICANT: Li, Li
; APPLICANT: Zhong, Mei
; APPLICANT: Casman, Stacie J
; APPLICANT: Gerlach, Valerie
; APPLICANT: Shimkets, Richard A
; APPLICANT: Gorman, Linda
; APPLICANT: Pena, Carol EA
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Patuturajan, Meera
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Leite, Mario W
; APPLICANT: Rastelli, Luca
; APPLICANT: MacDougall, John R
; APPLICANT: Taupier Jr., Raymond J
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Miller, Charles E
; APPLICANT: Shenoy, Suresh G
; APPLICANT: Hjalit, Tord
; APPLICANT: Voss, Edward Z
; APPLICANT: Boldog, Ferenc L

; APPLICANT: Malvankar, Uriel M
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Ji, Weizhen
; APPLICANT: Smithson, Glenda
; APPLICANT: Edinger, Shomlet R
; APPLICANT: Millet, Isabelle
; APPLICANT: Ellerman, Karen
; TITLE OF INVENTION: No. US20040018555A1 Antibodies that Bind to Antigenic Polypepti

; FILE REFERENCE: 21402-377A
; CURRENT APPLICATION NUMBER: US/10/161,493
; PRIOR FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: 60/295,607
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/337,524
; PRIOR FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/296,404
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/296,418
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/296,575
; PRIOR FILING DATE: 2001-06-07
; PRIOR APPLICATION NUMBER: 60/359,151
; PRIOR FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: 60/297,414
; PRIOR FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: 60/297,573
; PRIOR FILING DATE: 2001-06-12
; PRIOR APPLICATION NUMBER: 60/341,143
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: 60/297,567
; PRIOR FILING DATE: 2001-06-12
; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 299
; SEQ ID NO 189
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
US-10-161-493-189

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3373 CCTGCAGCAGGAGAACTCC 3391

Db 2 CCTGCAGCTGAGCAAAATCC 20

RESULT 1444

US-10-161-493-194/C
; Sequence 194, Application US/10161493
; Publication No. US20040018555A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W
; APPLICANT: Zerhusen, Bryan D
; APPLICANT: Li, Li
; APPLICANT: Zhong, Mei
; APPLICANT: Casman, Stacie J
; APPLICANT: Gerlach, Valerie
; APPLICANT: Shimkets, Richard A
; APPLICANT: Gorman, Linda
; APPLICANT: Pena, Carol EA
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Patuturajan, Meera
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Leite, Mario W
; APPLICANT: Rastelli, Luca
; APPLICANT: MacDougall, John R
; APPLICANT: Taupier Jr., Raymond J
; APPLICANT: Guo, Xiaojia Sasha

```
; APPLICANT: Miller, Charles E
; APPLICANT: Shenoy, Sureeh G
; APPLICANT: Hjalte, Tord
; APPLICANT: Voss, Edward Z
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Ji, Weizhen
; APPLICANT: Smithson, Glenda
; APPLICANT: Edinger, Shlomit R
; APPLICANT: Miller, Isabelle
; TITLE OF INVENTION: No. US2004001855A1el Antibodies that Bind to Antigenic Polypepti
; FILE REFERENCE: 21402-377A
; CURRENT APPLICATION NUMBER: US/10/161,493
; PRIOR FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: 60/295,607
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/337,524
; PRIOR FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/296,404
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/296,418
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/296,575
; PRIOR FILING DATE: 2001-06-07
; PRIOR APPLICATION NUMBER: 60/359,151
; PRIOR FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: 60/297,414
; PRIOR FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: 60/297,573
; PRIOR FILING DATE: 2001-06-12
; PRIOR APPLICATION NUMBER: 60/341,143
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: 60/297,567
; PRIOR FILING DATE: 2001-06-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SEQ ID NO 194
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-10-161-493-194
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3532 ACCTGCCGCTGACGAGCC 3550
Db      19  ACCTGAAGCTGAGAGGCC 1

RESULT 1445
US-10-379-182-4
; Sequence 4, Application US/10379182
; Publication No. US20040019916A1
; GENERAL INFORMATION:
; APPLICANT: Zarling, David A.
; APPLICANT: Seta, Elissa P.
; TITLE OF INVENTION: IN VIVO HOMOLOGOUS SEQUENCE TARGETING IN EUKARYOTIC CELLS
; FILE REFERENCE: A-64604-3/JMP/JFE
; CURRENT APPLICATION NUMBER: US/10/379,182
; PRIOR FILING DATE: 2003-03-03
; PRIOR APPLICATION NUMBER: US 08/906,379
; PRIOR FILING DATE: 1997-08-05
; PRIOR APPLICATION NUMBER: US 07/873,438
; PRIOR FILING DATE: 1992-04-24
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.2
```

```
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-379-182-4
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      349  CTGAGCGCTGAAACAGCA 367
Db      2  CAGAGTACTGAAACAGCA 20

RESULT 1446
US-10-425-447-124
; Sequence 124, Application US/10425447
; Publication No. US2004002331A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/10/425,447
; PRIOR FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
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; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-425-447-124

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTTCAGTGCTA 2719
Db 1 TTGCCTTACTCAGTGCTA 19

RESULT 1447
US-10-211-179-39
; Sequence 39, Application US/10211179
; Publication No. US20040023906A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOTRYSYL PHOSPHATASE ACTIVATOR EXP
; FILE REFERENCE: PTS-0011
; CURRENT APPLICATION NUMBER: US/10/211.179
; CURRENT FILING DATE: 2002-08-01
; NUMBER OF SEQ ID NOS: 119
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-211-179-39

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2133 TTGACTTCAGGAAGTGA 2151
Db 2 TCGACTCCAGGAAGGAAA 20

RESULT 1448
US-10-444-206-33/C
; Sequence 33, Application US/10444206
; Publication No. US20040023917A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/444.206
; CURRENT FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: 09/851,871
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 444
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 33
; LENGTH: 20
```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-444-206-33

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1994 GCCTGACACGAGAACCG 2012
Db 19 GCCCGAGTACAGAACCG 1

RESULT 1449
US-10-312-184A-40/C
; Sequence 40, Application US/10312184A
; Publication No. US20040038236A1
; GENERAL INFORMATION:
; APPLICANT: Biomedics Limited
; APPLICANT: Wallace, Robyn H
; APPLICANT: Mulley, John C
; APPLICANT: Berkovic, Samuel F
; APPLICANT: Harkin, Louise M
; TITLE OF INVENTION: MUTATION ASSOCIATED WITH EPILEPSY
; FILE REFERENCE: 1386/10
; CURRENT APPLICATION NUMBER: US/10/312.184A
; CURRENT FILING DATE: 2002-12-20
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-312-184A-40

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 GAGGAGAGGACACAGCG 840
Db 20 GAGGAGGAGGACACAGCG 2

RESULT 1450
US-10-467-019-35
; Sequence 35, Application US/10467019
; Publication No. US20040048314A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; TITLE OF INVENTION: No. US20040048314A1el Physiological Active Peptide and Its Use
; FILE REFERENCE: P01-0295PCT
; CURRENT APPLICATION NUMBER: US/10/467.019
; CURRENT FILING DATE: 2003-08-01
; PRIOR APPLICATION NUMBER: JP2001-026820
; PRIOR FILING DATE: 2001-02-02
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA primer, RBV8-WR2 primer
US-10-467-019-35

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1662 TGCCAGCTCTGACGAGA 1680
```

Db 2 TTCCAGCTCCTGCTTCAGA 20

RESULT 1451
US-10-382-478A-8/c
; Sequence 8, Application US/10382478A
; Publication No. US20040053830A1
; GENERAL INFORMATION:
; APPLICANT: Adam, Paul J
; APPLICANT: Boyd, Robert Simon
; APPLICANT: Fletcher, Graham Charles
; APPLICANT: Stamps, Alasdair Craig
; APPLICANT: Terrett, Jonathan Alexander
; APPLICANT: Tyson, Kerry Louise
; TITLE OF INVENTION: BCP84 Protein, Compositions, Diagnostic and Therapeutic Uses The
; FILE REFERENCE: 2543-1-004N CIP
; CURRENT APPLICATION NUMBER: US/10/382,478A
; PRIOR FILING DATE: 2003-03-06
; PRIOR APPLICATION NUMBER: US 09/791,392
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: GB 0205268.6
; PRIOR FILING DATE: 2002-03-06
; PRIOR APPLICATION NUMBER: GB 0004576.5
; PRIOR FILING DATE: 2000-02-25
; PRIOR APPLICATION NUMBER: GB 0031341.1
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-382-478A-8

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3492 GACCTGGGGAAGACGAG 3510
Db 20 GACCTGGGGAAGACGAG 2

RESULT 1452
US-10-380-124-64/c
; Sequence 64, Application US/10380124
; Publication No. US20040053874A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
; FILE REFERENCE: RFS-0156
; CURRENT APPLICATION NUMBER: US/10/380,124
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-124-64

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 746 GCTGACGAGCTCTGAG 764
||||| ||||| |||||

Db 20 GCTGAGACGACTGACGAG 2

RESULT 1453
US-10-312-045-8/c
; Sequence 8, Application US/10312045
; Publication No. US20040054139A1
; GENERAL INFORMATION:
; APPLICANT: Mark PAGE
; APPLICANT: Jing-Li Li
; APPLICANT: Paul PUMPHENS
; APPLICANT: Galina BORISOVA
; TITLE OF INVENTION: MODIFICATION OF HEPATITIS B CORE ANTIGEN
; FILE REFERENCE: 117-432 / N78451B
; CURRENT APPLICATION NUMBER: US/10/312,045
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: PCT/GB01/02817
; PRIOR FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: GB 0024544.9
; PRIOR FILING DATE: 2000-10-06
; PRIOR APPLICATION NUMBER: GB 0015308.0
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-312-045-8

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4751 ATGGTAGCTGAGACGAG 4769
Db 19 ATGGCTGCTGAGTGCAG 1

RESULT 1454
US-10-246-583-81/c
; Sequence 81, Application US/10246583
; Publication No. US20040058862A1
; GENERAL INFORMATION:
; APPLICANT: Majumder
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-729CIP2CON1
; CURRENT APPLICATION NUMBER: US/10/246,583
; CURRENT FILING DATE: 2002-12-06
; PRIOR APPLICATION NUMBER: 10/174,364
; PRIOR FILING DATE: 2002-06-17
; PRIOR APPLICATION NUMBER: 60/190,835
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: 60/190,768
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: 60/190,972
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: 60/191,199
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: 60/191,947
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: 60/192,665
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/192,657
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/192,984
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/192,664
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 128

SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 81
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:chemically
US-10-246-583-81

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2620 TCCTTGGCCACATTGGAGCC 2638
19 TCCTTGGCCACACCTTGGGC 1

RESULT 1455
US-10-655-847-64/C
Sequence 64, Application US/10655847
Publication No. US20040063129A1
GENERAL INFORMATION:
APPLICANT: William Gaarde
APPLICANT: Susan M. Freiler
APPLICANT: Andrew T. Walt
TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
FILE REFERENCE: RTS-0189
CURRENT APPLICATION NUMBER: US/10/655,847
CURRENT FILING DATE: 2003-09-05
PRIOR APPLICATION NUMBER: US/10/160,807
PRIOR FILING DATE: 2003-09-05
NUMBER OF SEQ ID NOS: 296
SEQ ID NO 64
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-655-847-64

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1664 CCAGCTCTGCAGCAGATG 1682
DB 20 CAAGCTGCTGCAGAGATG 2

RESULT 1456
US-10-655-847-212
Sequence 212, Application US/10655847
Publication No. US20040063129A1
GENERAL INFORMATION:
APPLICANT: William Gaarde
APPLICANT: Susan M. Freiler
APPLICANT: Andrew T. Walt
TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
FILE REFERENCE: RTS-0189
CURRENT APPLICATION NUMBER: US/10/655,847
CURRENT FILING DATE: 2003-09-05
PRIOR APPLICATION NUMBER: US/10/160,807
PRIOR FILING DATE: 2003-09-05
NUMBER OF SEQ ID NOS: 296
SEQ ID NO 212
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-655-847-212

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1664 CCAGCTCTGCAGCAGATG 1682
DB 1 CAAGCTGCTGCAGAGATG 19

RESULT 1457
US-10-432-412-29
Sequence 29, Application US/10432412
Publication No. US20040071731A1
GENERAL INFORMATION:
APPLICANT: Fitzgerald, David J.
APPLICANT: The Government of the United States of America
APPLICANT: as represented by The Secretary of the
Department of Health and Human Services
TITLE OF INVENTION: A Chimeric Protein Comprising Non-Toxic Pseudomonas
Exotoxin A and Type IV pilin Sequences
FILE REFERENCE: 015280-429100US
CURRENT APPLICATION NUMBER: US/10/432,412
CURRENT FILING DATE: 2003-05-21
PRIOR APPLICATION NUMBER: US 60/257,877
PRIOR FILING DATE: 2000-12-21
PRIOR APPLICATION NUMBER: WO PCT/US01/49143
PRIOR FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 36
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 29
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:PCR primer
US-10-432-412-29

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1725 ATCTCATGCGACCTCTGA 1743
DB 1 ATCTCATGCGACCTCTGA 19

RESULT 1458
US-10-643-130-20/C
Sequence 20, Application US/10643130
Publication No. US20040072786A1
GENERAL INFORMATION:
APPLICANT: Monla, B.P., Cowseert, L.M. and Manoharan, M.
TITLE OF INVENTION: Antisense Oligonucleotide Inhibition of ras
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Maasey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1 FOR WINDOWS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/643,130
FILING DATE: 18-Aug-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/575,554

FILING DATE: 22-May-2000
APPLICATION NUMBER: 09/128,494
FILING DATE: August 3, 1998
APPLICATION NUMBER: 08/411,734
FILING DATE: April 3, 1995
APPLICATION NUMBER: PCT/US93/09346
FILING DATE: October 1, 1993
APPLICATION NUMBER: 07/958,134
FILING DATE: October 5, 1992
APPLICATION NUMBER: 08/007,996
FILING DATE: January 21, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0463
TELECOMMUNICATION INFORMATION:
TELEPHONE: (856) 810-1515
TELEFAX: (856) 810-1454
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 20
US-10-643-130-20

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 217 GCCCGCGCAGCCGTCGCGAG 235
Db 19 GCCCGCGCGCGCGAGGCGAG 1

RESULT 1459
US-10-418-251-1
Sequence 1, Application US/10418251
Publication No. US20040073957A1
GENERAL INFORMATION:
APPLICANT: TOMIZUKA, KAZUMA
APPLICANT: YOSHIDA, HITOSHI
APPLICANT: HANAOKA, KAZUNORI
APPLICANT: OSHIMURA, MITSUO
APPLICANT: ISHIDA, ISAO
TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
FILE REFERENCE: 081356/0114
CURRENT APPLICATION NUMBER: US/10/418,251
PRIORITY FILING DATE: 2003-04-18
PRIOR APPLICATION NUMBER: US/09/033,936
PRIOR FILING DATE: 1998-03-02
PRIOR APPLICATION NUMBER: PCT/JP96/02427
PRIOR FILING DATE: 1996-08-29
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-418-251-1

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1740 TGAACATGGGTAAAGCCG 1758
Db 1 TGAAGGTGATTAAGCGCC 19

RESULT 1460
US-10-363-828-61/c
Sequence 61, Application US/10363828
Publication No. US20040076973A1
GENERAL INFORMATION:
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Brett P. Morita
APPLICANT: Lex M. Cowbert
TITLE OF INVENTION: ANTISENSE MODULATION OF UBIQUITIN PROTEIN LIGASE EXPRESSION
FILE REFERENCE: RSP-0164
CURRENT APPLICATION NUMBER: US/10/363,828
PRIORITY FILING DATE: 2003-03-06
PRIOR APPLICATION NUMBER: 09/657,481
PRIOR FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 93
SEQ ID NO 61
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-363-828-61

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1656 GCGTTCGCCAGCTCTGTC 1674
Db 19 GGCATCTGCCAGCTCTAGC 1

RESULT 1461
US-10-619-284A-52/c
Sequence 52, Application US/10619284A
Publication No. US20040077099A1
GENERAL INFORMATION:
APPLICANT: Argonne National Laboratory
APPLICANT: Yershov, Gennadiy
APPLICANT: Alferov, Oleg
APPLICANT: Kukhtin, Alexander
TITLE OF INVENTION: BLOCHIP READER WITH ENHANCED ILLUMINATION AND BIOARRAY
FILE REFERENCE: ANL-IN-01-052
CURRENT APPLICATION NUMBER: US/10/619,284A
PRIORITY FILING DATE: 2003-07-14
PRIOR APPLICATION NUMBER: US 10/139842
PRIOR FILING DATE: 2002-05-06
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PatentIn version 3.2
SEQ ID NO 52
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Completely Synthesized
US-10-619-284A-52

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1715 CATGATCACCATTTCATC 1733
Db 19 CATCATCATCATCATCATC 1

RESULT 1462
US-10-619-284A-74/c
Sequence 74, Application US/10619284A
Publication No. US20040077099A1
GENERAL INFORMATION:

```
; APPLICANT: Argonne National Laboratory
; APPLICANT: Yerehov, Gennadiy
; APPLICANT: Alekrov, Oleg
; APPLICANT: Kucheln, Alexander
; TITLE OF INVENTION: BIOCHIP READER WITH ENHANCED ILLUMINATION AND BIOARRAY
; TITLE OF INVENTION: POSITIONING
; FILE REFERENCE: ANL-IN-01-052
; CURRENT APPLICATION NUMBER: US/10/619,284A
; CURRENT FILING DATE: 2003-07-14
; PRIOR APPLICATION NUMBER: US 10/139842
; PRIOR FILING DATE: 2002-05-06
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Completely Synthesized
US-10-619-284A-74

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1715 CATGATCACCATTCTTCATC 1733
DB      19 CATCATCATCATCATCATCATC 1

RESULT 1463
US-10-280-183A-455
; Sequence 455, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Anubindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Xia
; APPLICANT: Li, Shanru
; APPLICANT: Ohmen, Jeffrey D
; APPLICANT: Reed, Danielle R.
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; FILE REFERENCE: PC18306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 60/200,794
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 455
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mouse
US-10-280-183A-455

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4080 AGCCCTCAGTGAAGCTGCCA 4098
DB      2 AGCACTCAGTGAAGCTTCCA 20.

RESULT 1464
US-10-280-183A-457
; Sequence 457, Application US/10280183A
```

```
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Anubindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Shanru
; APPLICANT: Li, Xia
; APPLICANT: Ohmen, Jeffrey D
; APPLICANT: Reed, Danielle R.
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; FILE REFERENCE: PC18306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 60/200,794
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 457
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mouse
US-10-280-183A-457

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4080 AGCCCTCAGTGAAGCTGCCA 4098
DB      2 AGCACTCAGTGAAGCTTCCA 20

RESULT 1465
US-10-643-432-22/C
; Sequence 22, Application US/10643432
; Publication No. US20040087536A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF KIX 1 EXPRESSION
; FILE REFERENCE: RTS-0359
; CURRENT APPLICATION NUMBER: US/10/643,432
; CURRENT FILING DATE: 2003-08-19
; PRIOR APPLICATION NUMBER: US/10/173,817
; PRIOR FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 131
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-643-432-22

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2628 ACATTGAGGCGAGAGTCA 2646
DB      19 ACATTGAGGCGAAGTGCA 1

RESULT 1466
US-10-643-432-93
; Sequence 93, Application US/10643432
; Publication No. US20040087536A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Kenneth W. Dobie
; FEATURE:
; TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
; FILE REFERENCE: RTS-0359
; CURRENT APPLICATION NUMBER: US/10/643,432
; CURRENT FILING DATE: 2003-08-19
; PRIOR APPLICATION NUMBER: US/10/173,817
; PRIOR FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 131
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-643-432-93

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2628 ACATTGAGCGAGAGTCA 2646
Db 2 ACATTGAGCGAGAGTCA 20

RESULT 1467
US-10-621-758A-20/c
; Sequence 20, Application US/10621758A
; Publication No. US20040093629A1
; GENERAL INFORMATION:
; APPLICANT: Altman, Scott W
; APPLICANT: Wang, Luquan
; APPLICANT: Graziano, Michael
; APPLICANT: Murgolo, Nick
; TITLE OF INVENTION: NPC1L1 (NPC3) AND METHODS OF USE THEREOF
; FILE REFERENCE: JB01603-K-US
; CURRENT APPLICATION NUMBER: US/10/621,758A
; CURRENT FILING DATE: 2003-07-17
; PRIOR APPLICATION NUMBER: 60/397,442
; PRIOR FILING DATE: 2002-07-19
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-621-758A-20

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3698 CAAGCCGAGAGGCTGAT 3716
Db 19 CAAGCCGAGAGGATGAT 1

RESULT 1468
US-10-298-123-45/c
; Sequence 45, Application US/10298123
; Publication No. US20040096830A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PROTEIN KINASE D2 EXPRESSION
; FILE REFERENCE: HTS-0050
; CURRENT APPLICATION NUMBER: US/10/298,123
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
```

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-298-123-45

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4887 CCTGTGCCCTCTCGAGGT 4905
Db 19 CCTGTGCCCTCTCGAGCT 1

RESULT 1469
US-10-298-123-74
; Sequence 74, Application US/10298123
; Publication No. US20040096830A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PROTEIN KINASE D2 EXPRESSION
; FILE REFERENCE: HTS-0050
; CURRENT APPLICATION NUMBER: US/10/298,123
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-298-123-74

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4887 CCTGTGCCCTCTCGAGGT 4905
Db 2 CCTGTGCCCTCTCGAGCT 20

RESULT 1470
US-10-298-954-40
; Sequence 40, Application US/10298954
; Publication No. US20040096830A1
; GENERAL INFORMATION:
; APPLICANT: Ming-Yi Chiang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF FBP-INTERACTING REPRESSOR EXPRESSION
; FILE REFERENCE: HTS-0028
; CURRENT APPLICATION NUMBER: US/10/298,954
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-298-954-40

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4810 GGAATCAGCTCTATTCT 4828
Db 2 GGAATCAGCTCTCTTCT 20

RESULT 1471
US-10-300-399-17
; Sequence 17, Application US/10300399
```

```
Publication No. US20040097450A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: MODULATION OF TDP-1 EXPRESSION
FILE REFERENCE: RTS-0173
CURRENT APPLICATION NUMBER: US/10/300,399
CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 158
SEQ ID NO 17
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-399-17

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2702 TGAAGTTTCTCAGGTGCTAT 2720
Db      2 TGAATTTACACAGGTGATAT 20

RESULT 1472
US-10-300-399-34/c
Sequence 34, Application US/10300399
Publication No. US20040097450A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: MODULATION OF TDP-1 EXPRESSION
FILE REFERENCE: RTS-0173
CURRENT APPLICATION NUMBER: US/10/300,399
CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 158
SEQ ID NO 34
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-399-34

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1166 GCTCTATGAGAGTCATC 1184
Db      19 GCTCTATGAGAGGCTCTC 1

RESULT 1473
US-10-300-399-95/c
Sequence 95, Application US/10300399
Publication No. US20040097450A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: MODULATION OF TDP-1 EXPRESSION
FILE REFERENCE: RTS-0173
CURRENT APPLICATION NUMBER: US/10/300,399
CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 158
SEQ ID NO 95
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-300-399-95

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2996 GCAGCTGCCCATCTACACG 3014
Db      2 GCACCTGACCATCGACACG 20

RESULT 1476
US-10-300-820-70
Sequence 70, Application US/10300820
Publication No. US20040097452A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF KALLIKREIN 6 EXPRESSION
FILE REFERENCE: RTS-0444
CURRENT APPLICATION NUMBER: US/10/300,820
```

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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2702 TGAAGTTTCTCAGGTGCTAT 2720
Db      19 TGAATTTACACAGGTGATAT 1

RESULT 1474
US-10-300-611-14/c
Sequence 14, Application US/10300611
Publication No. US20040097451A1
GENERAL INFORMATION:
APPLICANT: Ming-Yi Chiang
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF NIDOGEN EXPRESSION
FILE REFERENCE: PTS-0059
CURRENT APPLICATION NUMBER: US/10/300,611
CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 136
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-611-14

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2996 GCAGCTGCCCATCTACACG 3014
Db      19 GCACCTGACCATCGACACG 1

RESULT 1475
US-10-300-611-86
Sequence 86, Application US/10300611
Publication No. US20040097451A1
GENERAL INFORMATION:
APPLICANT: Ming-Yi Chiang
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF NIDOGEN EXPRESSION
FILE REFERENCE: PTS-0059
CURRENT APPLICATION NUMBER: US/10/300,611
CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 136
SEQ ID NO 86
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-300-611-86

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2996 GCAGCTGCCCATCTACACG 3014
Db      2 GCACCTGACCATCGACACG 20

RESULT 1476
US-10-300-820-70
Sequence 70, Application US/10300820
Publication No. US20040097452A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF KALLIKREIN 6 EXPRESSION
FILE REFERENCE: RTS-0444
CURRENT APPLICATION NUMBER: US/10/300,820
```



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; TITLE OF INVENTION: MODULATION OF ADAM15 EXPRESSION
; FILE REFERENCE: HTS-0060
; CURRENT APPLICATION NUMBER: US/10/302.028
; NUMBER OF SEQ ID NOS: 82
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-302-028-61

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy          105 TCTCTGACGCTCTCCAGAG 123
Db          1 TCTCTGACTTCTCAGAG 19

RESULT 1482
US-10-304-125-24/c
; Sequence 24, Application US/10304125
; Publication No. US20040102405A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF SQUALENE SYNTHASE EXPRESSION
; FILE REFERENCE: PTS-0056
; CURRENT APPLICATION NUMBER: US/10/304,125
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 145
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-304-125-24

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy          3606 CCCAGAGGAGCCAGCAAT 3624
Db          19 CCCAGATGAGACCAAGACT 1

RESULT 1483
US-10-304-125-95
; Sequence 95, Application US/10304125
; Publication No. US20040102405A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF SQUALENE SYNTHASE EXPRESSION
; FILE REFERENCE: PTS-0056
; CURRENT APPLICATION NUMBER: US/10/304,125
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 145
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-304-125-95
```

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Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy          3606 CCCAGAGGAGCCAGCAAT 3624
Db          2 CCCAGATGAGACCAAGACT 20

RESULT 1484
US-10-688-706-922
; Sequence 922, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broshac, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 922
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-922

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy          423 CAGTTGACGTGAGGGGC 441
Db          2 CAGATTGACGTGAGGGTC 20

RESULT 1485
US-10-688-706-1679
; Sequence 1679, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broshac, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1679
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-1679

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy          424 AGTTGACGTGAGGGGCC 442
Db          1 AGATTGAGTGGAGGGTCC 19
```

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RESULT 1486
US-10-304-019-19
; Sequence 19, Application US/10304019
; Publication No. US20040102622A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: MODULATION OF HEPATOCYTE GROWTH FACTOR RECEPTOR EXPRESSION
; FILE REFERENCE: PRTS-0043
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 147
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-304-019-19

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      1524 TACAGCCACAGAAATCC 1542
Db      1 TTGAGCCACAGAAATACC 19

RESULT 1487
US-10-304-019-90/c
; Sequence 90, Application US/10304019
; Publication No. US20040102622A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: MODULATION OF HEPATOCYTE GROWTH FACTOR RECEPTOR EXPRESSION
; FILE REFERENCE: PRTS-0043
; CURRENT APPLICATION NUMBER: US/10/304,019
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 147
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-304-019-90

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      1524 TACAGCCACAGAAATCC 1542
Db      20 TTGAGCCACAGAAATACC 2

RESULT 1488
US-10-315-765-16/c
; Sequence 16, Application US/10315765
; Publication No. US20040110140A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF CDK9 EXPRESSION
; FILE REFERENCE: PRTS-0020
; CURRENT APPLICATION NUMBER: US/10/315,765
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 128
; SEQ ID NO 16
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-315-765-16

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      1588 TGGTGAACAGAGAAAGCA 1606
Db      19 TGATGAAACAGAGAAAGCA 1

RESULT 1489
US-10-315-765-85
; Sequence 85, Application US/10315765
; Publication No. US20040110140A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF CDK9 EXPRESSION
; FILE REFERENCE: PRTS-0020
; CURRENT APPLICATION NUMBER: US/10/315,765
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 128
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-315-765-85

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      1588 TGGTGAACAGAGAAAGCA 1606
Db      2 TGATGAAACAGAGAAAGCA 20

RESULT 1490
US-10-316-243-29
; Sequence 29, Application US/10316243
; Publication No. US20040110147A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Ravi Jain
; TITLE OF INVENTION: MODULATION OF BAF53 EXPRESSION
; FILE REFERENCE: RTS-0462
; CURRENT APPLICATION NUMBER: US/10/316,243
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-243-29

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      270 CTCCTCTCTTCTCTCTC 288
Db      2 CTCGTGAGTTCTCTCTC 20
```

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RESULT 1491
US-10-316-243-50/c
; Sequence 50, Application US/10316243
; Publication No. US20040110147A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF BAF53 EXPRESSION
; FILE REFERENCE: RTS-0462
; CURRENT APPLICATION NUMBER: US/10/316,243
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-243-50

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1480 AACTGATCATTAGAGAGTC 1498
Db      19 AACTGTCATTATGAAATTC 1

RESULT 1492
US-10-316-243-107/c
; Sequence 107, Application US/10316243
; Publication No. US20040110147A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF BAF53 EXPRESSION
; FILE REFERENCE: RTS-0462
; CURRENT APPLICATION NUMBER: US/10/316,243
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 107
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-243-107

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      270 CTCTCTCTCTTCTCTCTC 288
Db      19 CTCTGTCAGTTTCTCTCTC 1

RESULT 1493
US-10-316-243-128
; Sequence 128, Application US/10316243
; Publication No. US20040110147A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF BAF53 EXPRESSION
; FILE REFERENCE: RTS-0462
; CURRENT APPLICATION NUMBER: US/10/316,243
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 128
; LENGTH: 20
; TYPE: DNA
```

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; ORGANISM: H. sapiens
; FEATURE:
US-10-316-243-128

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1480 AACTGATCATTAGAGAGTC 1498
Db      2 AACTGTCATTATGAAATTC 20

RESULT 1494
US-10-316-244-96/c
; Sequence 96, Application US/10316244
; Publication No. US20040110148A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: MODULATION OF ORNITHINE DECARBOXYLASE 1 EXPRESSION
; FILE REFERENCE: HTS-0096
; CURRENT APPLICATION NUMBER: US/10/316,244
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 219
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-244-96

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1342 AGGTCAAGGCGCTGCTGCA 1360
Db      19 ATGTGAAGGCCCTGCTGCA 1

RESULT 1495
US-10-316-244-194
; Sequence 194, Application US/10316244
; Publication No. US20040110148A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: MODULATION OF ORNITHINE DECARBOXYLASE 1 EXPRESSION
; FILE REFERENCE: HTS-0096
; CURRENT APPLICATION NUMBER: US/10/316,244
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 219
; SEQ ID NO 194
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-244-194

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1342 AGGTCAAGGCGCTGCTGCA 1360
Db      2 ATGTGAAGGCCCTGCTGCA 20

RESULT 1496
US-10-316-516-23/c
; Sequence 23, Application US/10316516
```



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; Publication No. US20040110150A1
; GENERAL INFORMATION:
; APPLICANT: Erich Koller
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF EPHRIN-B2 EXPRESSION
; FILE REFERENCE: PTS-0057
; CURRENT APPLICATION NUMBER: US/10/316,516
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-516-23

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1721 CACCATCTTCATCGGACC 1739
Db      20 CATCATCTTCATCGTCATC 2

RESULT 1497
US-10-316-516-72
; Sequence 72, Application US/10316516
; Publication No. US20040110150A1
; GENERAL INFORMATION:
; APPLICANT: Erich Koller
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF EPHRIN-B2 EXPRESSION
; FILE REFERENCE: PTS-0057
; CURRENT APPLICATION NUMBER: US/10/316,516
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-516-72

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5039 TTCGAGGCTTGAATAG 5057
Db      2 TTCGAGGTTGAGAAATAG 20

RESULT 1498
US-10-316-516-126/c
; Sequence 126, Application US/10316516
; Publication No. US20040110150A1
; GENERAL INFORMATION:
; APPLICANT: Erich Koller
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF EPHRIN-B2 EXPRESSION
; FILE REFERENCE: PTS-0057
; CURRENT APPLICATION NUMBER: US/10/316,516
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 126
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-316-516-126
```

```
Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5039 TTCGAGGCTTGAATAG 5057
Db      19 TTCGAGGTTGAGAAATAG 1

RESULT 1499
US-10-316-667-27/c
; Sequence 27, Application US/10316667
; Publication No. US20040110700A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: MODULATION OF CDLD EXPRESSION
; FILE REFERENCE: PTS-0349
; CURRENT APPLICATION NUMBER: US/10/316,667
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 69
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-667-27

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4612 CAGTGGCCCTCTGAGTGA 4630
Db      19 CAGTGGCCCTCTGAGTGA 1

RESULT 1500
US-10-316-667-55
; Sequence 55, Application US/10316667
; Publication No. US20040110700A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: MODULATION OF CDLD EXPRESSION
; FILE REFERENCE: PTS-0349
; CURRENT APPLICATION NUMBER: US/10/316,667
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 69
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-316-667-55

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4612 CAGTGGCCCTCTGAGTGA 4630
Db      2 CAGTGGCCCTCTGAGTGA 20

RESULT 1501
US-10-317-803-125/c
; Sequence 125, Application US/10317803
; Publication No. US20040115640A1
; GENERAL INFORMATION:
; APPLICANT: Kathleen Myers
```

```
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ANGIOPOIETIN-2 EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/317,803
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 125
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-803-125

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2680 CTGTTGACGCAAGCACA 2698
Db      20 CTGTTGACGCAAGCACA 2

RESULT 1502
US-10-319-893-69
; Sequence 69, Application US/10319893
; Publication No. US20040115649A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ABCS EXPRESSION
; FILE REFERENCE: RTS-0419
; CURRENT APPLICATION NUMBER: US/10/319,893
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 157
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-319-893-69

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4060 GCAGACTGCCATGCACTG 4078
Db      2 GCATGACTGCCATGCACTG 20

RESULT 1503
US-10-319-893-144/C
; Sequence 144, Application US/10319893
; Publication No. US20040115649A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ABCS EXPRESSION
; FILE REFERENCE: RTS-0419
; CURRENT APPLICATION NUMBER: US/10/319,893
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 157
; SEQ ID NO 144
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-319-893-144

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      4060 GCAGACTGCCATGCACTG 4078
Db      19 GCATGACTGCCATGCACTG 1

RESULT 1504
US-10-319-914-55
; Sequence 55, Application US/10319914
; Publication No. US20040115652A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: MODULATION OF TEK EXPRESSION
; FILE REFERENCE: RTS-0448
; CURRENT APPLICATION NUMBER: US/10/319,914
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 166
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-319-914-55

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4656 GAAGACTGCTGCTGCTTG 4674
Db      1 GAAGAGCTGCTGCTGCTTG 19

RESULT 1505
US-10-319-914-133/C
; Sequence 133, Application US/10319914
; Publication No. US20040115652A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: MODULATION OF TEK EXPRESSION
; FILE REFERENCE: RTS-0448
; CURRENT APPLICATION NUMBER: US/10/319,914
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 166
; SEQ ID NO 133
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-319-914-133

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4656 GAAGACTGCTGCTGCTTG 4674
Db      20 GAAGAGCTGCTGCTGCTTG 2

RESULT 1506
US-10-319-915-23
; Sequence 23, Application US/10319915
; Publication No. US20040115653A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ENDOTHELIAL LIPASE EXPRESSION
; FILE REFERENCE: RTS-0447
; CURRENT APPLICATION NUMBER: US/10/319,915
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 279
```

```
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-319-915-23
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      3461 CCCCTCCAGACAGAG 3479
Db       2  CCTCTCCAGAACGAG 20
```

```
RESULT 1507
US-10-319-915-160
; Sequence 160, Application US/10319915
; Publication No. US20040115653A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ENDOTHELIAL LIPASE EXPRESSION
; FILE REFERENCE: RTS-0447
; CURRENT APPLICATION NUMBER: US/10/319,915
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 279
; SEQ ID NO 160
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-319-915-160
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      131 TTCACCCAGGGGACTTC 149
Db       2  TTCACACAGGGCCACTTC 20
```

```
RESULT 1508
US-10-316-515-36/c
; Sequence 36, Application US/10316515
; Publication No. US20040116365A1
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: MODULATION OF LCK EXPRESSION
; FILE REFERENCE: RTS-0344
; CURRENT APPLICATION NUMBER: US/10/316,515
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-515-36
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      4997 CGTCTCTCCAGCTGCT 5015
Db       2  CTTTCTCTCCAGCTGACT 2
```

```
RESULT 1509
US-10-467-008-23
; Sequence 23, Application US/10467008
; Publication No. US20040116366A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT
; FILE REFERENCE: ISPH-0746
; CURRENT APPLICATION NUMBER: US/10/467,008
; CURRENT FILING DATE: 2003-08-01
; PRIOR APPLICATION NUMBER: PCT/US02/02805
; PRIOR FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: US 09/780,045
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-467-008-23
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      494 GAGAGGCCCGCCGCCACC 512
Db       2  GAGGAGACCCCGCCGCCCC 20
```

```
RESULT 1510
US-10-633-008-16
; Sequence 16, Application US/10633008
; Publication No. US20040120957A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin U.
; APPLICANT: Napier, Mary A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Van Lookren, Menno
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: USE OF A33 ANTIGENS AND JAM-IT
; FILE REFERENCE: 39766/0100P1
; CURRENT APPLICATION NUMBER: US/10/633,008
; CURRENT FILING DATE: 2003-07-31
; PRIOR APPLICATION NUMBER: US/10/265,542
; PRIOR FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US/09/254,465
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: PCT/US99/05028
; PRIOR FILING DATE: 1999-03-08
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
```

US-10-633-008-16

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCAGGTGCTA 2719

DB 1 TTCCCTTACTCAGGTGCTA 19

RESULT 1511

US-10-318-389-56
Sequence 56, Application US/10318389
Publication No. US20040121328A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Doble
TITLE OF INVENTION: MODULATION OF PHOSPHODIESTERASE 8A EXPRESSION
FILE REFERENCE: PRTS-0062
CURRENT APPLICATION NUMBER: US/10/318,389
CURRENT FILING DATE: 2002-12-11
NUMBER OF SEQ ID NOS: 134
SEQ ID NO 56
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-318-389-56

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 158 CTGACACTTCATTGTAC 176

DB 2 CTGGAACCTCAGTTGCAC 20

RESULT 1512

US-10-763-992-19
Sequence 19, Application US/10763992
Publication No. US20040121397A1
GENERAL INFORMATION:
APPLICANT: COHEN, Maurice
FRIEDMAN, Paula N.
GORDON, Julian
HODGES, Steven C.
KLASS, Michael R.
KRATOCHVIL, Jon D.
ROBERTS-RAPP, Lisa
RUSSELL, John C.
STROUPE, Steven D.
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
FOR DETECTING DISEASES OF THE PROSTATE
NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/763,992
FILING DATE: 22-Jan-2004
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/418,887
FILING DATE: 15-OCT-1999
APPLICATION NUMBER: US/08/946,869
FILING DATE: 08-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 5697, US, P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
TELEFAX: 847/938-2623
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-10-763-992-19

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5087 TTGAGCTTGCTTCTTGG 5105

DB 1 TTCCGCTCGGCTTCTTAG 19

RESULT 1513

US-10-663-208A-20/c
Sequence 20, Application US/10663208A
Publication No. US20040132058A1
GENERAL INFORMATION:
APPLICANT: Altmann, Scott W
APPLICANT: Wang, Luquan
APPLICANT: Graziano, Michael
APPLICANT: Murgolo, Nick
TITLE OF INVENTION: NPC1L1 (NPC3) AND METHODS OF USE THEREOF
FILE REFERENCE: JB01603K2 US
CURRENT APPLICATION NUMBER: US/10/663,208A
CURRENT FILING DATE: 2003-09-16
PRIOR APPLICATION NUMBER: 60/397,442
PRIOR FILING DATE: 2002-07-19
PRIOR APPLICATION NUMBER: 10/621,758
PRIOR FILING DATE: 2003-07-17
PRIOR APPLICATION NUMBER: 10/646,301
PRIOR FILING DATE: 2003-08-22
NUMBER OF SEQ ID NOS: 50
SOFTWARE: PatentIn version 3.1
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-10-663-208A-20

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3698 CAAAGCCAGAGAGCTGAT 3716

DB 19 CAAAGCCAGAGATGAGAGAT 1

RESULT 1514
US-10-671-395-128/c
Sequence 128, Application US/10671395
Publication No. US20040132063A1

```
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 128
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-128

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3019 TCACCCACCATGGGAGTT 3037
Db      20  CTGCCCACACCTGTGTGAT 2

RESULT 1515
US-10-671-395-214/c
; Sequence 214, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 214
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-214

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3321 CAGCCACAGCCTGGAGCT 3339
Db      19  CTGCCCACAGCCTGTGTAT 1

RESULT 1516
US-10-671-395-351/c
; Sequence 351, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 534
; LENGTH: 20
```

```
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 351
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-351

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3018 CTCACCCACCATGGGAGT 3036
Db      19  CTGACCCACCATCTGGAGT 1

RESULT 1517
US-10-671-395-401/c
; Sequence 401, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 401
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-401

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3321 CAGCCACAGCCTGGAGCT 3339
Db      20  CTGCCCACAGCCTGTGTAT 2

RESULT 1518
US-10-671-395-534
; Sequence 534, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 534
; LENGTH: 20
```

TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-534

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4757 AGGCTGAGACGAGGATCT 4775
Db 2 AGGCTGTGGCAGGACATCT 20

RESULT 1519
US-10-671-395-786
Sequence 786, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Glaxo, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 786
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-786

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4757 AGGCTGAGACGAGGATCT 4775
Db 1 AGGCTGTGGCAGGACATCT 19

RESULT 1520
US-10-671-395-1149
Sequence 1149, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Glaxo, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1149
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1149

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2612 CAGCCCTGTCTTGGCCACA 2630
Db 2 CAGCCCTGTCTTGGCCACA 20

RESULT 1521
US-10-671-395-1297
Sequence 1297, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Glaxo, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1297
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1297

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2612 CAGCCCTGTCTTGGCCACA 2630
Db 1 CAGCCCTGTCTTGGCCACA 19

RESULT 1522
US-10-728-399-278
Sequence 278, Application US/10728399
Publication No. US20040132078A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Colca, Jerry
TITLE OF INVENTION: ANTISENSE MODULATION OF MITOCHONDRIAL EXPRESSION
FILE REFERENCE: 01455.1
CURRENT APPLICATION NUMBER: US/10/728,399
CURRENT FILING DATE: 2003-12-05
NUMBER OF SEQ ID NOS: 627
SOFTWARE: PatentIn version 3.2
SEQ ID NO 278
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: human mitochond antisense
US-10-728-399-278

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 357 CTGAACGAGAGTCAGTC 375
Db 2 CTGAACGAGAGTCAGTC 20

RESULT 1523
US-10-728-399-370

Sequence 370, Application US/10728399
Publication No. US2004013078A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF MITONEET EXPRESSION
FILE REFERENCE: 01455.1
CURRENT FILING DATE: 2003-12-05
NUMBER OF SEQ ID NOS: 627
SOFTWARE: PatentIn version 3.2
SEQ ID NO 370
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: human mitoneet antisense
US-10-728-399-370

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 357 CTGAACAGAGAGTCAGTC 375
DB 1 CTGGAAGTCGAGAGTCAGAC 19

RESULT 1524
US-10-745-377-21/c
Sequence 21, Application US/10745377
Publication No. US20040137423A1
GENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
APPLICANT: Pimstone, Simon
APPLICANT: Brooks-Wilson, Angela R.
APPLICANT: Clee, Susanne M.
TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
FILE REFERENCE: 760050-109
CURRENT FILING DATE: 2003-12-23
CURRENT APPLICATION NUMBER: US/10/745,377
PRIOR FILING DATE: 2000-09-01
PRIOR APPLICATION NUMBER: US 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: US 60/138,048
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: US 60/139,600
PRIOR FILING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: US 60/151,977
PRIOR FILING DATE: 1999-09-01
PRIOR APPLICATION NUMBER: US 09/526,193
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: US 60/213,958
PRIOR FILING DATE: 2000-06-23
NUMBER OF SEQ ID NOS: 256
SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
SEQ ID NO 21
LENGTH: 20
TYPE: DNA
ORGANISM: homo sapien
US-10-745-377-21

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4832 GTGAGAGATCTGGCCTCA 4850
DB 20 GTGGTGTGATCTGGGCTCA 2

RESULT 1525
US-10-646-301A-20/c
Sequence 20, Application US/10646301A
Publication No. US20040137467A1
GENERAL INFORMATION:
APPLICANT: Altman, Scott W
APPLICANT: Wang, Luquan
APPLICANT: Graziano, Michael
APPLICANT: Margolo, Nick
TITLE OF INVENTION: NPC1L1 (NPC3) AND METHODS OF USE THEREOF
FILE REFERENCE: JB01603-K1-US
CURRENT FILING DATE: 2003-08-22
CURRENT APPLICATION NUMBER: US/10/646,301A
PRIOR FILING DATE: 2002-07-19
PRIOR APPLICATION NUMBER: 60/397,442
PRIOR FILING DATE: 2002-07-19
PRIOR APPLICATION NUMBER: 10/621,758
PRIOR FILING DATE: 2003-07-17
NUMBER OF SEQ ID NOS: 50
SOFTWARE: PatentIn version 3.1
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-10-646-301A-20

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3698 CAAGCCAGAGAGTCGAT 3716
DB 19 CAAGCCAGAGATGAGAT 1

RESULT 1526
US-10-215-371-124
Sequence 124, Application US/10215371
Publication No. US20040137561A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Chen, Jian
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth
APPLICANT: Pennica, Diane
APPLICANT: Wood, William I.
APPLICANT: Yuan, Jean
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P618P2C83
CURRENT FILING DATE: 2002-08-08
CURRENT APPLICATION NUMBER: US/10/215,371
PRIOR FILING DATE: 2002-08-08
PRIOR APPLICATION NUMBER: US 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: PCT/US98/18824
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: US 60/099,803
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: US 60/062,285
PRIOR FILING DATE: 1997-10-17
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-10-215-371-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCTCAGGTGCTA 2719
Db 1 TTGCCTTACTCAGGTGCTA 19

RESULT 1527
US-10-783-415-14
; Sequence 14, Application US/10783415
; Publication No. US20040141918A1
; GENERAL INFORMATION:
; APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
; APPLICANT: REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND
; APPLICANT: HUMAN SERVICES
; APPLICANT: Marchetti, Antonio
; APPLICANT: Butticci, Flamma
; APPLICANT: Smith, Gilbert H.
; APPLICANT: Callahan, Robert
; TITLE OF INVENTION: NUCLEOTIDE AND DEDUCED AMINO ACID SEQUENCES OF TUMOR GENE INT6
; FILE REFERENCE: 4239-59122
; CURRENT APPLICATION NUMBER: US/10/783,415
; CURRENT FILING DATE: 2004-02-19
; PRIOR APPLICATION NUMBER: 09/858,152
; PRIOR FILING DATE: 2001-05-14
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-783-415-14

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3810 AAGAGCCAGGAGGAGCCCA 3828
Db 2 AAGAGCCAGGAGGAGTCTTA 20

RESULT 1528
US-10-785-220-16
; Sequence 16, Application US/10785220
; Publication No. US20040141970A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Napier, Mary A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
; FILE REFERENCE: P1216R1 (US)
; CURRENT APPLICATION NUMBER: US/10/785,220
; CURRENT FILING DATE: 2004-02-24
; PRIOR APPLICATION NUMBER: US/09/254,465
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: PCT/US98/24855
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: US 60/066,364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: US 60/078,936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: PCT/US98/19437

; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 30
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-785-220-16

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCTCAGGTGCTA 2719
Db 1 TTGCCTTACTCAGGTGCTA 19

RESULT 1529
US-10-785-221-16
; Sequence 16, Application US/10785221
; Publication No. US20040141971A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Napier, Mary A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
; FILE REFERENCE: P1216R1 (US)
; CURRENT APPLICATION NUMBER: US/10/785,221
; CURRENT FILING DATE: 2004-02-24
; PRIOR APPLICATION NUMBER: US/09/254,465
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: PCT/US98/24855
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: US 60/066,364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: US 60/078,936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: PCT/US98/19437
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 30
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-785-221-16

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCTCAGGTGCTA 2719
Db 1 TTGCCTTACTCAGGTGCTA 19

RESULT 1530
US-10-785-433-16
; Sequence 16, Application US/10785433
; Publication No. US20040141972A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Fong, Sherman

APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Napier, Mary A.
APPLICANT: Tumas, Daniel
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
FILE REFERENCE: P1216R1 (US)
CURRENT APPLICATION NUMBER: US/10/785,433
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US/09/254,465
PRIOR FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: PCT/US98/24855
PRIOR FILING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: US 60/066,364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US 60/078,936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: PCT/US98/19437
PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 30
SEQ ID NO 16
LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-785-433-16

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCTGAGTGCTA 2719
Db 1 TTGCTTACTCAGGTGCTA 19

RESULT 1531
US-10-652-795-51
Sequence 51, Application US/10652795
Publication No. US20040142346A1
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALF
FILE REFERENCE: ISPH-0501
CURRENT APPLICATION NUMBER: US/10/652,795
CURRENT FILING DATE: 2003-08-29
PRIOR APPLICATION NUMBER: US/09/824,322B
PRIOR FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: US 09/313,932
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: US 09/166,186
PRIOR FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 503
SEQ ID NO 51
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-652-795-51

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 267 CCCCTCTCTCTTCTTCT 285
||| ||||| |||||

Db 2 CCCATCTCTCTCCCTCTCT 20

RESULT 1532
US-10-652-795-195
Sequence 195, Application US/10652795
Publication No. US20040142346A1
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-AL
FILE REFERENCE: ISPH-0501
CURRENT APPLICATION NUMBER: US/10/652,795
CURRENT FILING DATE: 2003-08-29
PRIOR APPLICATION NUMBER: US/09/824,322B
PRIOR FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: US 09/313,932
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: US 09/166,186
PRIOR FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 503
SEQ ID NO 195
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-652-795-195

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2209 ACAAGAAGTGAAGTCCCTT 2227
Db 2 AGAAAAAGCTGAGACCCCTT 20

RESULT 1533
US-10-652-795-287/C
Sequence 287, Application US/10652795
Publication No. US20040142346A1
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-AL
FILE REFERENCE: ISPH-0501
CURRENT APPLICATION NUMBER: US/10/652,795
CURRENT FILING DATE: 2003-08-29
PRIOR APPLICATION NUMBER: US/09/824,322B
PRIOR FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: US 09/313,932
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: US 09/166,186
PRIOR FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 503
SEQ ID NO 287
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-652-795-287

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1307 CCAACTGACAGCCTCTG 1325
|||
Db 20 CCGAGTGACAGCCTGTAG 2

RESULT 1534

US-10-652-795-374/C
; Sequence 374, Application US/10652795
; Publication No. US20040142346A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALF
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/652,795
; CURRENT FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 374
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-652-795-374

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 104 CTCTCTGACGCTCCGCA 122
|||
Db 20 CTCTCCAGATGTTCCAGA 2

RESULT 1535

US-10-647-918-51
; Sequence 51, Application US/10647918
; Publication No. US20040152652A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALF
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/647,918
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-647-918-51

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 267 CCCCTCTCTCTTCTCT 285
|||
Db 2 CCCATCTCTCCCTCTCT 20

RESULT 1536

US-10-647-918-195
; Sequence 195, Application US/10647918
; Publication No. US20040152652A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALF
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/647,918
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 195
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-647-918-195

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2209 ACAGAGCTGAGTCCCTT 2227
|||
Db 2 AGAAAACTGAGACCCCTT 20

RESULT 1537

US-10-647-918-287/C
; Sequence 287, Application US/10647918
; Publication No. US20040152652A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALF
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/647,918
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 287
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
US-10-647-918-287

OTHER INFORMATION: Synthetic
US-10-647-918-287

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1307 CCAACTGACAGCCTGTTG 1325
DB 20 CCGAGTACAGACCTGTAG 2

RESULT 1538
US-10-647-918-374/c
Sequence 374, Application US/10647918
Publication No. US20040152652A1
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR- α
FILE REFERENCE: ISPH-0501
CURRENT APPLICATION NUMBER: US/10/647,918
PRIOR FILING DATE: 2003-08-26
PRIOR APPLICATION NUMBER: US/09/824,322B
PRIOR FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: US 09/313,932
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: US 09/166,186
PRIOR FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 503
SEQ ID NO 374
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-647-918-374

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 104 CTCTCTGACGCTTCGAGA 122
DB 20 CTCTCCAGATGTTCCAGA 2

RESULT 1539
US-10-766-185-86/c
Sequence 86, Application US/10766185
Publication No. US20040152655A1
GENERAL INFORMATION:
APPLICANT: Yoon, Heejeong
APPLICANT: Ahn, Chang Ho
APPLICANT: Lee, Young Bok
APPLICANT: Mao, Lingjun
APPLICANT: Jiang, Xiaoming
TITLE OF INVENTION: Antisense Oligonucleotides that inhibit expression of HIF-1
FILE REFERENCE: REX 7034
CURRENT APPLICATION NUMBER: US/10/766,185
CURRENT FILING DATE: 2004-01-28
NUMBER OF SEQ ID NOS: 130
SOFTWARE: PatentIn version 3.1
SEQ ID NO 86
LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
OTHER INFORMATION: antisense oligonucleotide
US-10-766-185-86

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4300 CAACAAACAGTGTGGTCC 4318
DB 20 CAACAAACAGATGTGTCC 2

RESULT 1540
US-10-736-769-20/c
Sequence 20, Application US/10736769
Publication No. US20040161838A1
GENERAL INFORMATION:
APPLICANT: Altman, Scott W
APPLICANT: Wang, Luquan
APPLICANT: Graziano, Michael
APPLICANT: Murgolo, Nick
TITLE OF INVENTION: NPC1L1 (NPC3) AND METHODS OF USE THEREOF
FILE REFERENCE: JB01603-K3-US
CURRENT APPLICATION NUMBER: US/10/736,769
PRIOR FILING DATE: 2003-12-16
PRIOR APPLICATION NUMBER: 60/397,442
PRIOR FILING DATE: 2002-07-19
PRIOR APPLICATION NUMBER: 10/621,758
PRIOR FILING DATE: 2003-07-17
PRIOR APPLICATION NUMBER: 10/646,301
PRIOR FILING DATE: 2003-08-22
PRIOR APPLICATION NUMBER: 10/663,208
PRIOR FILING DATE: 2003-09-16
NUMBER OF SEQ ID NOS: 51
SOFTWARE: PatentIn version 3.1
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-10-736-769-20

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3698 CAAAGCCAGAGCTGAT 3716
DB 19 CAAAGCCAGATGAGAT 1

RESULT 1541
US-10-641-455A-185/c
Sequence 185, Application US/10641455A
Publication No. US20040171566A1
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Gaarde, William A.
APPLICANT: Nero, Pamela S.
APPLICANT: McKay, Robert
APPLICANT: Popoff, Ian
APPLICANT: Wong, Wei Shiu Fred
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
Kinase Expression
FILE REFERENCE: ISPH-0762
CURRENT APPLICATION NUMBER: US/10/641,455A
PRIOR FILING DATE: 2003-08-15
PRIOR APPLICATION NUMBER: US 10/238,442
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 09/640,101
PRIOR FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: US 09/286,904
PRIOR FILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 266

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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 185
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-641-455A-185

Query Match
Best Local Similarity 84.2%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 784 TGGGCGCTGACCACT 802
DB 19 TGTACTGTGTACCACT 1

RESULT 1542
US-10-755-889-810
; Sequence 810, Application US/10755889
; Publication No. US20040171823A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE NF-KB
; FILE REFERENCE: D0284 NP
; CURRENT APPLICATION NUMBER: US/10/755,889
; CURRENT FILING DATE: 2004-01-13
; PRIOR APPLICATION NUMBER: U.S. 60/440,068
; PRIOR FILING DATE: 2003-01-14
; PRIOR APPLICATION NUMBER: U.S. 60/469,757
; PRIOR FILING DATE: 2003-05-12
; NUMBER OF SEQ ID NOS: 823
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 810
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthesized Primer.
US-10-755-889-810

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 845 CCCTGAGGAGACACAGA 863
DB 2 CGCTGAGGAGAACTGA 20

RESULT 1543
US-10-619-739-175
; Sequence 175, Application US/10619739
; Publication No. US20040175719A1
; GENERAL INFORMATION:
; APPLICANT: Christians, Frederick C.
; TITLE OF INVENTION: Synthetic Tag Genes
; FILE REFERENCE: 3502.1
; CURRENT APPLICATION NUMBER: US/10/619,739
; CURRENT FILING DATE: 2003-07-14
; PRIOR APPLICATION NUMBER: 60/395,530
; PRIOR FILING DATE: 2002-07-12
; NUMBER OF SEQ ID NOS: 2068
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 175
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-619-739-175

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 349 CTGAGCGCTGAACACGA 367
DB 2 CAGAGTACTGAAACACGA 20

RESULT 1544
US-10-744-635-23/C
; Sequence 23, Application US/10744635
; Publication No. US2004018031A1
; GENERAL INFORMATION:
; APPLICANT: Vervoot, Marcel B.H.J.
; APPLICANT: van den Brule, Andrianus J.C.
; APPLICANT: Middelorp, Jaap M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR THE AMPLIFICATION AND DETECTION OF EPSTEIN
; FILE REFERENCE: 9310.17DV
; CURRENT APPLICATION NUMBER: US/10/744,635
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: US 09/623,329
; PRIOR FILING DATE: 2000-11-13
; PRIOR APPLICATION NUMBER: PCT/EP99/01392
; PRIOR FILING DATE: 1999-03-01
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Epstein-Barr Virus
US-10-744-635-23

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 210 CAAGAAAGCCGCGCAGCC 228
DB 19 CAAGAAAGCGGTGACAGCC 1

RESULT 1545
US-10-389-033-2
; Sequence 2, Application US/10389033
; Publication No. US20040180345A1
; GENERAL INFORMATION:
; APPLICANT: Erikson, Glen
; TITLE OF INVENTION: PRE-INCUBATION METHOD TO IMPROVE SIGNAL/NOISE RATIO OF NUCLEIC
; FILE REFERENCE: E1047/20138
; CURRENT APPLICATION NUMBER: US/10/389,033
; CURRENT FILING DATE: 2003-03-14
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-389-033-2

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 349 CTGAGCGCTGAACACGA 367
DB 2 CAGAGTACTGAAACACGA 20
```

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RESULT 1546
US-10-771-187-124
; Publication 124, Application US/10771187
; Sequence 124, US20040185531A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlicsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Paoni, James
; APPLICANT: Pan, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 39780-1618P278C1
; CURRENT APPLICATION NUMBER: US/10/771,187
; PRIOR FILING DATE: 2004-02-02
; PRIOR APPLICATION NUMBER: 09/909,064
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: PCT/US98/19437
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/088,026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/066,770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/065,186
; PRIOR FILING DATE: 1997-11-12
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-10-771-187-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1547
US-10-476-021-102
; Sequence 102, Application US/10476021
```

```
; Publication No. US20040186069A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/10/476,021
; CURRENT FILING DATE: 2003-10-24
; PRIOR APPLICATION NUMBER: US/09/844,634
; PRIOR FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 102
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-476-021-102

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2331 CAGCAGCAGTACGACGACC 2349
Db      1 CAGCTGCAGTTCCGAGAC 19

RESULT 1548
US-10-741-789A-62/c
; Sequence 62, Application US/10741789A
; Publication No. US20040205839A1
; GENERAL INFORMATION:
; APPLICANT: Doutriaux, Marie-Pascale
; APPLICANT: Belzner, Andreas
; APPLICANT: Freysinet, Georges
; APPLICANT: Perez, Pascal
; TITLE OF INVENTION: METHOD FOR OBTAINING PLANT VARIETIES
; FILE REFERENCE: A33153-PCT-USA 075118.0115
; CURRENT APPLICATION NUMBER: US/10/741,789A
; PRIOR FILING DATE: 2003-12-19
; PRIOR APPLICATION NUMBER: PCT/EP98/06977
; PRIOR FILING DATE: 1998-10-09
; NUMBER OF SEQ ID NOS: 103
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward primer for PCR amplification of AtbRIO2 SLP marker in
; OTHER INFORMATION: Arabidopsis thaliana subspecies
US-10-741-789A-62

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1329 TCCATTGAGACAGAGTCA 1347
Db      19 TCCATGAGAGAGGAGTCA 1

RESULT 1549
US-10-369-378-44/c
; Sequence 44, Application US/10369378
; Publication No. US20030170859A1
; GENERAL INFORMATION:
; APPLICANT: Christenson, Erik
; APPLICANT: Demaggio, Anthony J
; APPLICANT: Goldman, Phyllis S
; APPLICANT: McElisgett, David L
; TITLE OF INVENTION: Human Poly(ADP-Ribose) Polymerase 2 Materials and
; TITLE OF INVENTION: Methods
```

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FILE REFERENCE: 27866/36544
; CURRENT APPLICATION NUMBER: US/10/369,378
; CURRENT FILING DATE: 2003-02-19
; PRIOR APPLICATION NUMBER: US/09/596,248D
; PRIOR FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: 60/139,543
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 44
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-369-378-44

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      461 GTGTGGTCTCTGGGGGTGC 479
Db      21 GTGTGGTCTCTGGGGGTGC 3

RESULT 1550
US-09-895-072-41/C
; Sequence 41, Application US/09895072
; Patent No. US2002002550A1
; GENERAL INFORMATION:
; APPLICANT: CANFIELD, WILLIAM M
; TITLE OF INVENTION: METHODS FOR PRODUCING HIGHLY PHOSPHORYLATED LYSOSOMAL HYDROLASES
; FILE REFERENCE: 210119US00CNT
; CURRENT APPLICATION NUMBER: US/09/895,072
; CURRENT FILING DATE: 2001-07-02
; PRIOR APPLICATION NUMBER: 60/153,831
; PRIOR FILING DATE: 1999-09-14
; PRIOR APPLICATION NUMBER: US 09/635,872
; PRIOR FILING DATE: 2000-08-10
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: Patentln Version 3.1
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic DNA
US-09-895-072-41

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1286 CAACATGGTCCAGCTC 1304
Db      20 CACCATGGGTTCAAGCTC 2

RESULT 1551
US-09-303-510-27
; Sequence 27, Application US/09303510A
; Patent No. US20020028208A1
; GENERAL INFORMATION:
; APPLICANT: Collisdon, Ellen W.
; APPLICANT: Hash, Stephen M.
; APPLICANT: Choi, Insoo
; TITLE OF INVENTION: Feline CD80, Feline CD86, Feline CD28, and feline
; TITLE OF INVENTION: CTLA-4 Nucleic Acid and Polypeptides
; FILE REFERENCE: 54954
; CURRENT APPLICATION NUMBER: US/09/303,510A
; CURRENT FILING DATE: 1999-04-30
; EARLIER APPLICATION NUMBER: 60/083,869
```

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EARLIER FILING DATE: 1998-05-01
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 27
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-303-510-27

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2572 AGTCTTATGGCAGTACCAG 2590
Db      2 AGTATTGTCAGACGACCAG 20

RESULT 1552
US-09-765-081-353
; Sequence 353, Application US/09765081
; Patent No. US20020037508A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2008-001
; CURRENT APPLICATION NUMBER: US/09/765,081
; CURRENT FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: US 60/176,861
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 461
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 353
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-765-081-353

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 1e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY      475 GGTGCTGCCGCCGACCCGA 495
Db      1 GGTCCAGCCGACGACGCCA 21

RESULT 1553
US-09-303-040-27
; Sequence 27, Application US/09303040
; Patent No. US20020051792A1
; GENERAL INFORMATION:
; APPLICANT: Winslow, Barbara J.
; APPLICANT: Cochran, Mark D.
; TITLE OF INVENTION: Recombinant Virus Expressing Foreign DNA Encoding
; TITLE OF INVENTION: Feline CD80, Feline CD86, Feline CD28, feline CTLA-4 or
; TITLE OF INVENTION: Feline Interferon-gamma And Uses Thereof
; FILE REFERENCE: 54957-B
; CURRENT APPLICATION NUMBER: US/09/303,040
; CURRENT FILING DATE: 1999-04-30
; EARLIER APPLICATION NUMBER: 60/083,870
; EARLIER FILING DATE: 1998-05-01
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 27
; LENGTH: 21
; TYPE: DNA
; ORGANISM: feline CD86 primer
US-09-303-040-27
```

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2572 AGTCTATGGCAGTACCAG 2590
DB 2 AGTATTTTGGCAGACCCAG 20

RESULT 1554
US-09-888-615-125/c
; Sequence 125, Application US/09888615
; Patent No. US20020064856A1
; GENERAL INFORMATION:
; APPLICANT: PLOMMAN, GREGORY
; APPLICANT: WHYTE, DAVID
; APPLICANT: CAENESEBEL, SEAN
; APPLICANT: CHARVOCZAK, GLEN
; APPLICANT: MANNING, GERRARD
; APPLICANT: SUDARSHANAM, SUCHA
; TITLE OF INVENTION: NOVEL PROTEASES
; FILE REFERENCE: 038602/1214
; CURRENT APPLICATION NUMBER: US/09/888,615
; PRIOR FILING DATE: 2001-06-26
; PRIOR APPLICATION NUMBER: 60/214,047
; PRIOR FILING DATE: 2000-06-26
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 125
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-888-615-125

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 487 CCCAGCCGAGAGGCCCCAG 505
DB 20 CCCAGCTGATGATGCCCCAG 2

RESULT 1555
US-09-789-529-80/c
; Sequence 80, Application US/09789529
; Patent No. US20020132290A1
; GENERAL INFORMATION:
; APPLICANT: Frazer, Kelly A.
; APPLICANT: Rubin, Edward M.
; APPLICANT: Looft, Gabriela G.
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Coordinate Cytokine Regulatory Sequences
; FILE REFERENCE: 014939-001300US
; CURRENT APPLICATION NUMBER: US/09/789,529
; PRIOR FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: US 60/183,657
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 80
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Tagman primer
US-09-789-529-80

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1632 TTGCTGACTCCAAAAGA 1650
DB 20 TTGCTGCTCTCCAGAACCA 2

RESULT 1556
US-09-897-438B-8/c
; Sequence 8, Application US/09897438B
; Patent No. US20020137095A1
; GENERAL INFORMATION:
; APPLICANT: Mikoshiba, Katsuhiko
; APPLICANT: Tate, Naoko
; TITLE OF INVENTION: REELIN PROTEIN CR-50 EPI TOPE REGION
; FILE REFERENCE: 04853-0076-00000
; CURRENT APPLICATION NUMBER: US/09/897,438B
; PRIOR FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: JP 2000-202801
; PRIOR FILING DATE: 2000-07-04
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-897-438B-8

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4228 CCCACAGAGTCACTGCTT 4246
DB 21 CCCACAGAGGCACTGCTT 3

RESULT 1557
US-09-986-552-41/c
; Sequence 41, Application US/09986552
; Patent No. US20020150981A1
; GENERAL INFORMATION:
; APPLICANT: CANFIELD, William
; TITLE OF INVENTION: METHODS FOR PRODUCING HIGHLY PHOSPHORYLATED LYSOSOMAL HYDROLASES
; FILE REFERENCE: 215089US77DIV
; CURRENT APPLICATION NUMBER: US/09/986,552
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: 09/635,872
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: 60/153,831
; PRIOR FILING DATE: 1999-09-14
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic DNA
US-09-986-552-41

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1286 CAACATGCTGTCCAGCTC 1304
DB 20 CACCATGGGGTTCAGACTC 2

RESULT 1558

US-09-908-193-54
; Sequence 54, Application US/09908193
; Publication No. US20020192748A1
; GENERAL INFORMATION:
; APPLICANT: RASTELLI, LUCA
; APPLICANT: SHIMKETS, RICHARD A.
; APPLICANT: ZERHUSEN, BRYAN
; APPLICANT: MALYANKAR, URIEL M.
; APPLICANT: PADIGARU, MODALIDHARA
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY
; FILE REFERENCE: 21402-062
; CURRENT APPLICATION NUMBER: US/09/908, 193
; CURRENT FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: 60/220,273
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/221,650
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: 60/221,233
; PRIOR FILING DATE: 2000-07-27
; PRIOR APPLICATION NUMBER: 60/220,912
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/218,875
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: 60/218,870
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: 60/218,901
; PRIOR FILING DATE: 2000-07-18
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 54
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-908-193-54
Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 773 GAAGAAACATGGGGCTG 791
Db 1 GTAGGTACATGGGGCTG 19
RESULT 1559
US-09-888-326-227
; Sequence 227, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AMS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 227
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)..(0)
; OTHER INFORMATION: phosphodiester backbone
US-09-888-326-227

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 728 CATGAGTTCTTCACCAAG 746
Db 3 CATGGTTCTTCACCAAG 21
RESULT 1560
US-09-888-326-255/c
; Sequence 255, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AMS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 255
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)..(0)
; OTHER INFORMATION: phosphodiester backbone
US-09-888-326-255
Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 728 CATGAGTTCTTCACCAAG 746
Db 19 CATGGTTCTTCACCAAG 1
RESULT 1561
US-09-932-300-42/c
; Sequence 42, Application US/09932300
; Publication No. US20030032788A1
; GENERAL INFORMATION:
; APPLICANT: GARVER, Eric
; APPLICANT: TU, Guang-Chou
; APPLICANT: ISRAEL, Yedy
; TITLE OF INVENTION: METHODS OF INHIBITING ALCOHOL CONSUMPTION
; FILE REFERENCE: 9855-302
; CURRENT APPLICATION NUMBER: US/09/932,300
; CURRENT FILING DATE: 2001-08-20
; PRIOR APPLICATION NUMBER: US 60/051,705
; PRIOR FILING DATE: 1997-07-03
; PRIOR APPLICATION NUMBER: US 09/109,663
; PRIOR FILING DATE: 1998-07-02
; NUMBER OF SEQ ID NOS: 111
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 42
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Candidate
; NAME/KEY: Tm(alpha) ASO
; OTHER INFORMATION: Tm(alpha) ASO
US-09-932-300-42
Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 1e+03; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3463 CTCCCAGACACAGAGTC 3481
Db 20 CTCCCGGAAACAGAGCC 2

RESULT 1562
US-09-232-785-390/c
; Sequence 390, Application US/09232785
; Publication No. US20030049612A1
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Echt, Craig. S
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSAPELITE DNA MARKERS AND USES
; FILE REFERENCE: 4481/1E18US1
; CURRENT APPLICATION NUMBER: US/09/232,785
; PRIOR FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 390
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Pinus taeda L.
US-09-232-785-390

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1715 CATGATCAGCATCTTCATC 1733
Db 21 CATCATCATCATCATCATC 3

RESULT 1563
US-09-946-374-454
; Sequence 454, Application US/09946374
; Publication No. US20030073129A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C1
; CURRENT APPLICATION NUMBER: US/09/946,374
; PRIOR FILING DATE: 2001-09-04
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099602
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099642
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099741
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099754
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099763
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099792
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099808
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099812
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099815
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099816
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/100385
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100388
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100390
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100584
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100627
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100661
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100662
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100664
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100683
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100684
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100710
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100711
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100848
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100849
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100919
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100930
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/101014
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101068

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; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101071
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101279
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: 60/101471
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101472
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101474
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101475
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101476
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101477
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101479
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101738
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101741
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101743
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101915
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101916
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/102207
; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 60/102240
; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 60/102307
; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 60/102330
; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 60/102331
; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 60/102484
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102487
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102570
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102571
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102684
; PRIOR FILING DATE: 1998-10-01
; PRIOR APPLICATION NUMBER: 60/102687
; PRIOR FILING DATE: 1998-10-01
; PRIOR APPLICATION NUMBER: 60/102965
; PRIOR FILING DATE: 1998-10-02
; PRIOR APPLICATION NUMBER: 60/103258
; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103314
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103315
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103328
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103395
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103396
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103401
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103449
; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103633
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103678
; PRIOR FILING DATE: 1998-10-08
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; PRIOR APPLICATION NUMBER: 60/103679
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103711
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/104257
; PRIOR FILING DATE: 1998-10-14
; PRIOR APPLICATION NUMBER: 60/104987
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105000
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105002
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105104
; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 60/105169
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      64 CCATGCTGCTAGCCATG 82
Db      1 CCATGCTGCTAGCCATG 19

RESULT 1564
US-09-776-479-129
; Sequence 129, Application US/09776479
; Publication No. US2003087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 129
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-129

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      728 CATGAGTTCTCACCAG 746
Db      3 CATGAGTTCTCACCAG 21

RESULT 1565
US-09-776-479-129
; Sequence 129, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
```

```
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 129
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-129
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      728 CATGAGTTCTTCACCAAG 746
Db      3 CATGGGTTCTCCACCAAG 21
```

```
RESULT 1566
US-09-776-479-130/c
; Sequence 130, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 130
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-130
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      728 CATGAGTTCTTCACCAAG 746
Db      19 CATGGGTTCTCCACCAAG 1
```

```
RESULT 1567
US-09-776-479-130/c
; Sequence 130, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
```

```
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 130
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-130
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      728 CATGAGTTCTTCACCAAG 746
Db      19 CATGGGTTCTCCACCAAG 1
```

```
RESULT 1568
US-09-952-213D-11
; Sequence 11, Application US/09952213D
; Publication No. US20030096240A1
; GENERAL INFORMATION:
; APPLICANT: MORAD, PERID
; APPLICANT: SHARINA, IRAIDA G.
; APPLICANT: KRUMENACKER, J. S.
; APPLICANT: MARTIN, E.
; TITLE OF INVENTION: GENOMIC ORGANIZATION OF MOUSE AND HUMAN SGC
; FILE REFERENCE: UTSN:252US
; CURRENT APPLICATION NUMBER: US/09/952,213D
; CURRENT FILING DATE: 2002-08-16
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-952-213D-11
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      4774 CTACTGGCTTCAGTTC 4792
Db      3 CTTCCTGCTTCAGTAC 21
```

```
RESULT 1569
US-09-902-563-28
; Sequence 28, Application US/09902563
; Publication No. US2003009654A1
; GENERAL INFORMATION:
; APPLICANT: Levy, Gary
; TITLE OF INVENTION: Methods of Modulating Immune Coagulation
; FILE REFERENCE: 9579-37
; CURRENT APPLICATION NUMBER: US/09/902,563
; CURRENT FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 09/442,143
; PRIOR FILING DATE: 1999-11-15
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 28
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
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US-09-902-563-28

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4645 CTTAAGAGCTGAGAGTC 4663

Db 1 CTTCCGAGCTGATGATGTC 19

RESULT 1570
US-09-382-860-158/c

; Sequence 158, Application US/09382860
; Publication No. US20030110526A1
; GENERAL INFORMATION:
; APPLICANT: Brown, Jr., Robert H.
; APPLICANT: Liu, Jing
; APPLICANT: Aoki, Masashi
; APPLICANT: Hoffman, Eric
; APPLICANT: Chou, Fan-Li
; TITLE OF INVENTION: DYSPERLIN MUTATIONS
; FILE REFERENCE: 00786/401002
; CURRENT APPLICATION NUMBER: US/09/382,860
; EARLIER FILING DATE: 1999-08-25
; EARLIER APPLICATION NUMBER: US 60/097,930
; NUMBER OF SEQ ID NOS: 283
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 158
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-382-860-158

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 420 CCGCAGGTGCACTGAGG 438

Db 20 CCGCAGAGATGCTGGGAGG 2

RESULT 1571
US-09-382-860-179
; Sequence 179, Application US/09382860
; Publication No. US20030110526A1
; GENERAL INFORMATION:
; APPLICANT: Brown, Jr., Robert H.
; APPLICANT: Liu, Jing
; APPLICANT: Aoki, Masashi
; APPLICANT: Hoffman, Eric
; APPLICANT: Chou, Fan-Li
; TITLE OF INVENTION: DYSPERLIN MUTATIONS
; FILE REFERENCE: 00786/401002
; CURRENT APPLICATION NUMBER: US/09/382,860
; EARLIER FILING DATE: 1999-08-25
; EARLIER APPLICATION NUMBER: US 60/097,930
; NUMBER OF SEQ ID NOS: 283
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 179
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-382-860-179

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1232 GCTCTCCCGGCGCTCGT 1250

Db 2 GCTCTCCCGGCGCTCGT 20

RESULT 1572
US-10-032-924-41
; Sequence 41, Application US/10032924
; Publication No. US20030022190A1
; GENERAL INFORMATION:
; APPLICANT: Shipman, Robert
; Leushner, James
; Dunn, James M.

TITLE OF INVENTION: METHOD AND REAGENTS FOR TESTING FOR
MUTATIONS IN THE BRCA1 GENE

NUMBER OF SEQUENCES: 77
CORRESPONDENCE ADDRESS:
ADDRESSEE: Opedahl & Larson
STREET: 1992 Commerce Street Suite 309
CITY: Yorktown
STATE: NY
COUNTRY: US
ZIP: 10598

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS DOS
SOFTWARE: Word Perfect

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/032,924
FILING DATE: 26-Dec-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/649,950
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Larson, Marina T.
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-028-US

TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE: human
ORGANISM: human

FEATURE:
OTHER INFORMATION: amplification primer for BRCA1 gene
SEQUENCE DESCRIPTION: SEQ ID NO: 41:
US-10-032-924-41

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3219 GGCTCCAGCATCAGTGA 3237

Db 3 GGCTCCAGTATTAATGAAA 21

RESULT 1573
US-10-022-819-18/c
; Sequence 18, Application US/10022819
; Publication No. US20030027166A1
; GENERAL INFORMATION:

```

;
; APPLICANT: ALLEN, Antonette C. P.
; OLSEN, Sheri J.
; LAWRENCE, Tammy
; ANGELI, Tracy S.
; RABIN, Mark B.
; TITLE OF INVENTION: CODING SEQUENCE HAPLOTYPE OF THE HUMAN
;   BRCA1 GENE
; NUMBER OF SEQUENCES: 67
; CORRESPONDENCE ADDRESS:
;   ADDRESSEE: Morgan Lewis & Bockius LLP
;   STREET: 1111 Pennsylvania Avenue
;   CITY: Washington DC
;   STATE: District of Columbia
;   COUNTRY: USA
;   ZIP: 20004
; COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/10/022,819
;   FILING DATE: 22-Apr-2002
;   CLASSIFICATION: <Unknown>
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER: 09/074,452
;     FILING DATE: 1998-05-06
; ATTORNEY/AGENT INFORMATION:
;   NAME: <Unknown>
;   REGISTRATION NUMBER: <Unknown>
;   REFERENCE/DOCKET NUMBER: 044921-5049-01-US
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 202-739-3000
;   TELEFAX: 202-739-3001
; INFORMATION FOR SEQ ID NO: 18:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 21 base pairs
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
;     MOLECULE TYPE: other nucleic acid
;     DESCRIPTION: /desc = "PRIMER"
;     HYPOTHETICAL: NO
;     ANTI-SENSE: NO
;     FRAGMENT TYPE: internal
;     SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-10-022-819-18

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4654 CTGAAGAGCTGGTACTGCT 4672
DB      21 CTGAAGAGAGTGGGTAGAT 3

RESULT 1574
US-10-006-856A-454
; Sequence 454, Application US/10006856A
; Publication No. US20030044841A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Geo, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
```

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; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;   ACIDS
; FILE REFERENCE: P2830P1C14
; CURRENT APPLICATION NUMBER: US/10/006,856A
; CURRENT FILING DATE: 2002-05-10
; NUMBER OF SEQ ID NOS: 477
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
;   OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-856A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      64 CCATGCTCTGCTAGGCGCATG 82
DB      1 CCATGCTCTGCTAGGCGCAAG 19

RESULT 1575
US-10-112-653-122
; Sequence 122, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
;   THE TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060 (AMS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 122
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
;   OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-122

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      728 CATGAGGTCTCTCCACCAAG 746
DB      3 CATGGTTCTCTCCACCAAG 21

RESULT 1576
US-10-112-653-123/C
; Sequence 123, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
;   THE TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060 (AMS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
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PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 123
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-123

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 728 CATGAGTTCTTCACCAAG 746
DB 19 CATGGTTTCTCCACCAAG 1

RESULT 1577

US-10-006-818A-454
Sequence 454, Application US/10006818A
Publication No. US20030054406A1
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C4
CURRENT APPLICATION NUMBER: US/10/006,818A
CURRENT FILING DATE: 2001-12-06
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-818A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGGCCATG 82
DB 1 CCATGCTGCTAGGCCAAG 19

RESULT 1578

US-10-017-995-129
Sequence 129, Application US/10017995
Publication No. US20030055014A1
GENERAL INFORMATION:

APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18

PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 129
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-10-017-995-129

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 728 CATGAGTTCTTCACCAAG 746
DB 3 CATGGTTTCTCCACCAAG 21

RESULT 1579

US-10-017-995-130/C
Sequence 130, Application US/10017995
Publication No. US20030055014A1
GENERAL INFORMATION:

APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 130
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-10-017-995-130

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 728 CATGAGTTCTTCACCAAG 746
DB 19 CATGGTTTCTCCACCAAG 1

RESULT 1580

US-10-023-066A-42/C
Sequence 42, Application US/10023066A
Publication No. US20030056242A1
GENERAL INFORMATION:

APPLICANT: E. I. DU PONT DE NEMOURS AND
COMPANY
TITLE OF INVENTION: CHIMERIC GENES AND METHODS FOR
INCREASING THE LYSINE AND
THREONINE CONTENT OF THE SEEDS OF
PLANTS
NUMBER OF SEQUENCES: 107
CORRESPONDENCE ADDRESS:
ADDRESSEE: E. I. DU PONT DE NEMOURS
AND COMPANY
STREET: 1007 MARKET STREET
CITY: WILMINGTON
STATE: DELAWARE
COUNTRY: U.S.A.
ZIP: 19898
COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MICROSOFT WORD VERSION 2.0C.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/023.066A
FILING DATE: 29-APR-2002
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: BARBARA C. SIEGELL
REGISTRATION NUMBER: 30,684
REFERENCE/DOCKET NUMBER: BB-1037-C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-992-4931
TELEFAX: 302-773-0164
TELEX: 835420
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..21
OTHER INFORMATION: /product= "synthetic
oligonucleotide"
/standard_name= "SM
87"
SEQUENCE DESCRIPTION: SEQ ID NO: 42:
US-10-023-066A-42
Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
CY 2802 GAAGGAGAAATGAGAG 2820
DB 21 GGAGGAGAGAGCTGAAGAG 3
RESULT 1581
US-10-006-485A-454
Sequence 454, Application US/10006485A
Publication No. US20030064062A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Baton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gunney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C9
CURRENT APPLICATION NUMBER: US/10/006.485A
FILING DATE: 2001-12-06
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750

PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099516
PRIOR FILING DATE: 1998-09-09
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PRIOR FILING DATE: 1998-09-09
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PRIOR APPLICATION NUMBER: 60/099602
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099642
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099741
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PRIOR APPLICATION NUMBER: 60/099754
PRIOR FILING DATE: 1998-09-10
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PRIOR FILING DATE: 1998-09-10
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PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/100385
PRIOR FILING DATE: 1998-09-15
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PRIOR APPLICATION NUMBER: 60/100584
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100627
PRIOR FILING DATE: 1998-09-16
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PRIOR FILING DATE: 1998-09-17
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PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/101014
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101068
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101071
PRIOR FILING DATE: 1998-09-18
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PRIOR FILING DATE: 1998-09-22

PRIOR APPLICATION NUMBER: 60/101471
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101472
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101474
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PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102240
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102307
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102330
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102331
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102484
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102487
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102570
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102571
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102684
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102687
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102965
PRIOR FILING DATE: 1998-10-02
PRIOR APPLICATION NUMBER: 60/103258
PRIOR FILING DATE: 1998-10-06
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PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103711
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/104257

PRIOR FILING DATE: 1998-10-14
PRIOR APPLICATION NUMBER: 60/104987
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105000
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105002
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105104
PRIOR FILING DATE: 1998-10-21
PRIOR APPLICATION NUMBER: 60/105169
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105266
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105693
PRIOR FILING DATE: 1998-10-26
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PRIOR FILING DATE: 1998-10-26
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PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105881
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGTAGCCATG 82
Db 1 CCATGCTGTAGCCATG 19

RESULT 1582

US-10-013-907A-454

Sequence 454, Application US/10013907A
Publication No. US20030064925A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Batton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC34
CURRENT APPLICATION NUMBER: US/10/013,907A
CURRENT FILING DATE: 2001-12-10
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-907A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC20
CURRENT FILING DATE: 2001-12-07
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-121A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGGCCATG 82
DB 1 CCATGCTGCTAGGCCATG 19

RESULT 1587
US-10-006-116A-454
Sequence 454, Application US/10006116A
Publication No. US20030082626A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Denoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC15
CURRENT FILING DATE: 2001-12-16
CURRENT APPLICATION NUMBER: US/10/006,116A
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
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PRIOR FILING DATE: 1998-09-02
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PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09

PRIOR APPLICATION NUMBER: 60/099598
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PRIOR FILING DATE: 1998-09-09
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PRIOR APPLICATION NUMBER: 60/100388
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PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100849
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100919
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PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105000
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PRIOR FILING DATE: 1998-10-28

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 64 CCATGCTGCTAGCCATG 82
Db 1 CCATGCTGCTAGCCAG 19

RESULT 1588
US-10-006-117A-454
Sequence 454, Application US/10006117A
Publication No. US20030082627A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C13
CURRENT FILING DATE: 2002-03-19
Prior Application removed - See File Wrapper or Palm
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-117A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 64 CCATGCTGCTAGCCATG 82
Db 1 CCATGCTGCTAGCCAG 19

RESULT 1589
US-10-017-527A-454
Sequence 454, Application US/10017527A
Publication No. US20030082628A1
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C63
CURRENT APPLICATION NUMBER: US/10/017,527A
CURRENT FILING DATE: 2001-12-13
PRIOR APPLICATION NUMBER: 60/098716
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; PRIOR FILING DATE: 1998-10-28

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      64 CCATGCTGCTAGGCCATG 82
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Db      1 CCATGCTGCTAGGCCAAG 19

RESULT 1590
US-10-090-011-33
; Sequence 33, Application US/10090011
; Publication No. US20030082810A1
; GENERAL INFORMATION:
; APPLICANT: Serup, Palle
; APPLICANT: Heimberg, Harry
; APPLICANT: Grawohl, Gerard
; TITLE OF INVENTION: Methods For Generating Insulin-Secreting
; FILE REFERENCE: 6246.200-US
; CURRENT APPLICATION NUMBER: US/10/090,011
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; CURRENT FILING DATE: 2002-02-26
; PRIOR APPLICATION NUMBER: US 60/271,474
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 33
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-090-011-33

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      1672 TGCAGCAGATGACAGACAA 1690
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Db      1 TGCAGCAGATGACAGTACAA 19

RESULT 1591
US-10-013-913A-454
; Sequence 454, Application US/10013913A
; Publication No. US20030083462A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C40
; CURRENT APPLICATION NUMBER: US/10/013,913A
; CURRENT FILING DATE: 2002-07-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-913A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      64 CCATGCTGCTAGGCCATG 82
      |||||
Db      1 CCATGCTGCTAGGCCAAG 19

RESULT 1592
US-10-014-318-8/c
; Sequence 8, Application US/10014318
; Publication No. US20030091986A1
; GENERAL INFORMATION:
; APPLICANT: Pallavicini, Maria G.
; APPLICANT: Mullaney, Brian P.
; TITLE OF INVENTION: The Regents of the University of California
; FILE REFERENCE: 023070-120900US
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CURRENT APPLICATION NUMBER: US/10/014,318
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 8
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: PCR primer
OTHER INFORMATION: Sfsseq3 flanking cloning site
US-10-014-318-8

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      32 ACCGCCGACAGAACAC 50
Db      19 ACCGCCGACAGAACAAAC 1

RESULT 1593
US-10-007-194A-454
Sequence 454, Application US/10007194A
Publication No. US20030092061A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1C5
CURRENT APPLICATION NUMBER: US/10/007,194A
CURRENT FILING DATE: 2002-06-25
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
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PRIOR APPLICATION NUMBER: 60/099754
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PRIOR APPLICATION NUMBER: 60/103449
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103633
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103678
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103679
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103711
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/104257
PRIOR FILING DATE: 1998-10-14
PRIOR APPLICATION NUMBER: 60/104987
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105000
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105002
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105104
PRIOR FILING DATE: 1998-10-21
PRIOR APPLICATION NUMBER: 60/105169
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105266
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105693
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105694
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105807
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105881

PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 64 CCATGCTGCTAGGCATG 82
Db 1 CCATGCTGCTAGGCATG 19

RESULT 1594
US-10-151-320-26
Sequence 26, Application US/10151320
Publication No. US20030092114A1
GENERAL INFORMATION:
APPLICANT: Lucche, Ralf M.
TITLE OF INVENTION: DSP-18 DUAL-SPECIFICITY PHOSPHATASE
FILE REFERENCE: 200125.436
CURRENT APPLICATION NUMBER: US/10/151.320
CURRENT FILING DATE: 2002-05-16
NUMBER OF SEQ ID NOS: 42
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 26
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer used for PCR.
US-10-151-320-26

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2772 AGCTGCTTGAGAGTTTGG 2790
Db 3 AGCAGCTTGAGAGTTTGG 21

RESULT 1595
US-10-013-430A-454
Sequence 454, Application US/10013430A
Publication No. US20030092883A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C31
CURRENT APPLICATION NUMBER: US/10/013.430A
CURRENT FILING DATE: 2002-06-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21

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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-430A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      64 CCATGCTGCTGAGCCATG 82
Db      1 CCATGCTGCTGAGCCAG 19

RESULT 1596
US-10-011-671A-454
; Sequence 454, Application US/10011671A
; Publication No. US2003096954A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gueney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC27
; CURRENT APPLICATION NUMBER: US/10/011.671A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
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; PRIOR APPLICATION NUMBER: 60/098843
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; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
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; PRIOR APPLICATION NUMBER: 60/099741
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099754
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099763
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; PRIOR APPLICATION NUMBER: 60/099808
; PRIOR FILING DATE: 1998-09-10
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; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099815
; PRIOR FILING DATE: 1998-09-10
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; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100388
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100390
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100584
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100627
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100661
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100662
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100664
; PRIOR FILING DATE: 1998-09-16
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; PRIOR FILING DATE: 1998-09-17
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; PRIOR APPLICATION NUMBER: 60/100848
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; PRIOR FILING DATE: 1998-09-18
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; PRIOR FILING DATE: 1998-09-17
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; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/101014
; PRIOR FILING DATE: 1998-09-18
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; PRIOR APPLICATION NUMBER: 60/101472
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; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101475
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101476
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; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 60/102240
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PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102307
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102330
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102331
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102484
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102487
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102570
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102571
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102684
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102687
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102965
PRIOR FILING DATE: 1998-10-02
PRIOR APPLICATION NUMBER: 60/103258
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103314
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103315
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103328
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103395
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103396
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103401
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103449
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103633
PRIOR FILING DATE: 1998-10-08
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PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103679
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103711
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/104257
PRIOR FILING DATE: 1998-10-14
PRIOR APPLICATION NUMBER: 60/104987
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105000
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105002
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105104
PRIOR FILING DATE: 1998-10-21
PRIOR APPLICATION NUMBER: 60/105169
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105266
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105693
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105694
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105807
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105881
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28

Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 64 CCATGCTGCTAGCCATG 82
Db 1 CCATGCTGCTAGCCATG 19

RESULT 1597
US-10-012-755A-454
Sequence 454, Application US/10012755A
Publication No. US20030096955A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC28
CURRENT APPLICATION NUMBER: US/10/012,755A
CURRENT FILING DATE: 2002-06-10
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-755A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 64 CCATGCTGCTAGCCATG 82
Db 1 CCATGCTGCTAGCCATG 19

RESULT 1598
US-10-015-386A-454
Sequence 454, Application US/10015386A
Publication No. US2003009625A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC55

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; CURRENT APPLICATION NUMBER: US/10/015,386A
; CURRENT FILING DATE: 2001-12-12
; Prior Application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-386A-454

Query Match
Best Local Similarity 84.2%; Pred. No. 1e+03; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGCCCATG 82
Db 1 CCATGCTGCTAGCCCATG 19

RESULT 1599
US-10-096-255-28
; Sequence 28, Application US/10096255
; Publication No. US20030103974A1
; GENERAL INFORMATION:
; APPLICANT: Levy, Gary
; APPLICANT: Clark, David A.
; TITLE OF INVENTION: Methods of Modulating Immune Coagulation
; FILE REFERENCE: 9579-52
; CURRENT APPLICATION NUMBER: US/10/096,255
; PRIOR FILING DATE: 2002-03-13
; PRIOR APPLICATION NUMBER: US 60/046,537
; PRIOR FILING DATE: 1997-05-17
; PRIOR APPLICATION NUMBER: US 60/061,684
; PRIOR FILING DATE: 1997-10-10
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 28
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-096-255-28

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4645 CTTAGAGCTGAAGATC 4663
Db 1 CTTGCGAGCTGATAGTC 19

RESULT 1600
US-10-275-556-3/c
; Sequence 3, Application US/10275556
; Publication No. US20030108933A1
; GENERAL INFORMATION:
; APPLICANT: Merck Patent GmbH
; TITLE OF INVENTION: Serine-threonine kinase-3 (htesk-3)
; FILE REFERENCE: htesk3BSWS
; CURRENT APPLICATION NUMBER: US/10/275,556
; CURRENT FILING DATE: 2002-11-07
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer 1
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US-10-275-556-3

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3376 GCAGGGAGAAAGTCTCC 3394
Db 21 GGAGACAGAAAGTCTCC 3

RESULT 1601
US-10-011-692A-454
; Sequence 454, Application US/10011692A
; Publication No. US20030109672A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: F2830P1C30
; CURRENT APPLICATION NUMBER: US/10/011,692A
; CURRENT FILING DATE: 2001-12-07
; Prior application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-011-692A-454

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGCCCATG 82
Db 1 CCATGCTGCTAGCCCATG 19

RESULT 1602
US-10-006-768A-454
; Sequence 454, Application US/10006768A
; Publication No. US20030113793A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
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; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC10
; CURRENT APPLICATION NUMBER: US/10/006,768A
; NUMBER OF SEQ ID NOS: 477
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-768A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      64 CCATGCGTGTAGGCGCATG 82
Db      1 CCATGCTGCTCAGCCAG 19

RESULT 1603
US-10-017-610A-454
; Sequence 454, Application US/10017610A
; Publication No. US20030113795A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC64
; CURRENT APPLICATION NUMBER: US/10/017,610A
; PRIOR FILING DATE: 2001-12-13
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
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; PRIOR FILING DATE: 1998-09-01
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; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
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; PRIOR APPLICATION NUMBER: 60/099602
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; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099754
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; PRIOR APPLICATION NUMBER: 60/099763
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; PRIOR APPLICATION NUMBER: 60/099808
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; PRIOR APPLICATION NUMBER: 60/101472
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101474
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101475
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101476
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101477
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101479
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101738
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101741
; PRIOR FILING DATE: 1998-09-24
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PRIOR APPLICATION NUMBER: 60/101743
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101915
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101916
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/102207
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102240
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102307
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102330
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102331
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102484
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102487
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102570
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102571
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102684
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102687
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102965
PRIOR FILING DATE: 1998-10-02
PRIOR APPLICATION NUMBER: 60/103258
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103314
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103315
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103328
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103395
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103396
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103401
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103449
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103633
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103678
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103679
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103711
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/104257
PRIOR FILING DATE: 1998-10-14
PRIOR APPLICATION NUMBER: 60/104987
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105000
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105002
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105104
PRIOR FILING DATE: 1998-10-21
PRIOR APPLICATION NUMBER: 60/105169
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105266
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105693
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105694
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105807

PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105861
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGCCATG 82
DB 1 CCATGCTGCTAGCCAG 19

RESULT 1604

US-10-006-063A-454
Sequence 454, Application US/10006063A
Publication No. US20030114652A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830PIC3
CURRENT APPLICATION NUMBER: US/10/006,063A
CURRENT FILING DATE: 2002-03-15
Prior Application removed - See file wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-006-063A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGCCATG 82
DB 1 CCATGCTGCTAGCCAG 19

RESULT 1605

US-10-020-063A-454
Sequence 454, Application US/10020063A
Publication No. US20030119097A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey

```

; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC65
; CURRENT APPLICATION NUMBER: US/10/020,063A
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-020-063A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. NO. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      64 CCATGCTGCTAGGCCATG 82
Db      1 CCATGCTGCTAGGCCAAG 19

RESULT 1606
US-10-015-391A-454
; Sequence 454, Application US/10015391A
; Publication No. US20030120053A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC59
; CURRENT APPLICATION NUMBER: US/10/015,391A
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; CURRENT FILING DATE: 2001-12-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-391A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. NO. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      64 CCATGCTGCTAGGCCATG 82
Db      1 CCATGCTGCTAGGCCAAG 19

RESULT 1607
US-10-017-407A-454
; Sequence 454, Application US/10017407A
; Publication No. US20030125535A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC61
; CURRENT APPLICATION NUMBER: US/10/017,407A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-407A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. NO. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      64 CCATGCTGCTAGGCCATG 82
Db      1 CCATGCTGCTAGGCCAAG 19

RESULT 1608
US-10-011-833A-454
; Sequence 454, Application US/10011833A
; Publication No. US20030129650A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
```

```

; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC22
; CURRENT APPLICATION NUMBER: US/10/011,833A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-011-833A-454
```

```

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

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QY      64 CCATGCTGTAGGCGCATG 82
      |||||
Db      1 CCATGCTGTCTCAGCCAG 19
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```

RESULT 1609
; Sequence 454, Application US/1006041A
; Publication No. US20030130490A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC8
; CURRENT APPLICATION NUMBER: US/10/006,041A
; CURRENT FILING DATE: 2001-12-06
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-041A-454
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```

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      64 CCATGCTGTAGGCGCATG 82
      |||||
      |||||
```

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Db      1 CCATGCTGTCTCAGCCAG 19
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```

RESULT 1610
; Sequence 454, Application US/10015822A
; Publication No. US20030130491A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC38
; CURRENT APPLICATION NUMBER: US/10/015,822A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-822A-454
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```

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      64 CCATGCTGTAGGCGCATG 82
      |||||
Db      1 CCATGCTGTCTCAGCCAG 19
```

```

RESULT 1611
; Sequence 454, Application US/10015387A
; Publication No. US20030135034A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC54
; CURRENT APPLICATION NUMBER: US/10/015,387A
; CURRENT FILING DATE: 2001-12-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
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LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-387A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCGCTGCTAGGCCAG 82
DB 1 CCATGCGCTGCTAGGCCAG 19

RESULT 1612
US-10-006-130A-454
Sequence 454, Application US/10006130A
Publication No. US20030148375A1

GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secretd and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C7
CURRENT FILING DATE: 2002-03-19
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-130A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCGCTGCTAGGCCAG 82
DB 1 CCATGCGCTGCTAGGCCAG 19

RESULT 1613
US-10-306-686-41/c
Sequence 41, Application US/10306686
Publication No. US20030148460A1
GENERAL INFORMATION:
APPLICANT: CANFIELD, WILLIAM
TITLE OF INVENTION: PHOSPHODIESTER ALPHA-GLUCANASE OF THE LYSOSOMAL TARGETING PATHWAY
FILE REFERENCE: 230397US77DIV
CURRENT FILING DATE: 2002-11-29
CURRENT APPLICATION NUMBER: US/10/306,686
PRIOR FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: 09/636,596
PRIOR FILING DATE: 1999-08-14

NUMBER OF SEQ ID NOS: 52
SOFTWARE: PatentIn version 3.1
SEQ ID NO 41
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic DNA
NAME/KEY: misc_feature
OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
US-10-306-686-41

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1286 CAACATGCTGCTCAAGCTC 1304
DB 20 CACCATGGGCTTCAAGCTC 2

RESULT 1614
US-10-184-085A-18/c
Sequence 18, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 18
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-18

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4577 GTGTGTGTTGGAGGGGTG 4595
DB 20 GTGTGAGTTAGTGGGGTG 2

RESULT 1615
US-10-184-085A-89/c
Sequence 89, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 89
LENGTH: 21

TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-89

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4577 GTGTGTTTCGAGGGGTG 4595
DB 21 GTGTGAGTTAGTGGGGTG 3

RESULT 1616
US-10-184-085A-90/c
Sequence 90, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 90
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-90

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4577 GTGTGTTTCGAGGGGTG 4595
DB 20 GTGTGAGTTAGTGGGGTG 2

RESULT 1617
US-10-184-085A-126/c
Sequence 126, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 126
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-126

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4577 GTGTGTTTCGAGGGGTG 4595

DB 20 GTGTGAGTTTCGAGGGGTG 2

RESULT 1618
US-10-184-085A-127/c
Sequence 127, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 127
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-127

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4577 GTGTGTTTCGAGGGGTG 4595
DB 19 GTGTGAGTTAGTGGGGTG 1

RESULT 1619
US-10-006-172A-454
Sequence 454, Application US/10006172A
Publication No. US20030153000A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Guiney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C1
CURRENT APPLICATION NUMBER: US/10/006,172A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843

PRIOR APPLICATION NUMBER: 60/101475	
PRIOR FILING DATE: 1998-09-23	
PRIOR APPLICATION NUMBER: 60/101476	
PRIOR FILING DATE: 1998-09-23	
PRIOR APPLICATION NUMBER: 60/101477	
PRIOR FILING DATE: 1998-09-23	
PRIOR APPLICATION NUMBER: 60/101479	
PRIOR FILING DATE: 1998-09-23	
PRIOR APPLICATION NUMBER: 60/101738	
PRIOR FILING DATE: 1998-09-24	
PRIOR APPLICATION NUMBER: 60/101741	
PRIOR FILING DATE: 1998-09-24	
PRIOR APPLICATION NUMBER: 60/101916	
PRIOR FILING DATE: 1998-09-24	
PRIOR APPLICATION NUMBER: 60/102207	
PRIOR FILING DATE: 1998-09-28	
PRIOR APPLICATION NUMBER: 60/102240	
PRIOR FILING DATE: 1998-09-29	
PRIOR APPLICATION NUMBER: 60/102307	
PRIOR FILING DATE: 1998-09-29	
PRIOR APPLICATION NUMBER: 60/102330	
PRIOR FILING DATE: 1998-09-29	
PRIOR APPLICATION NUMBER: 60/102331	
PRIOR FILING DATE: 1998-09-29	
PRIOR APPLICATION NUMBER: 60/102487	
PRIOR FILING DATE: 1998-09-30	
PRIOR APPLICATION NUMBER: 60/102570	
PRIOR FILING DATE: 1998-09-30	
PRIOR APPLICATION NUMBER: 60/102571	
PRIOR FILING DATE: 1998-09-30	
PRIOR APPLICATION NUMBER: 60/102684	
PRIOR FILING DATE: 1998-10-01	
PRIOR APPLICATION NUMBER: 60/102687	
PRIOR FILING DATE: 1998-10-01	
PRIOR APPLICATION NUMBER: 60/102965	
PRIOR FILING DATE: 1998-10-02	
PRIOR APPLICATION NUMBER: 60/103258	
PRIOR FILING DATE: 1998-10-06	
PRIOR APPLICATION NUMBER: 60/103314	
PRIOR FILING DATE: 1998-10-07	
PRIOR APPLICATION NUMBER: 60/103315	
PRIOR FILING DATE: 1998-10-07	
PRIOR APPLICATION NUMBER: 60/103328	
PRIOR FILING DATE: 1998-10-07	
PRIOR APPLICATION NUMBER: 60/103395	
PRIOR FILING DATE: 1998-10-07	
PRIOR APPLICATION NUMBER: 60/103366	
PRIOR FILING DATE: 1998-10-07	
PRIOR APPLICATION NUMBER: 60/103401	
PRIOR FILING DATE: 1998-10-07	
PRIOR APPLICATION NUMBER: 60/103449	
PRIOR FILING DATE: 1998-10-06	
PRIOR APPLICATION NUMBER: 60/103633	
PRIOR FILING DATE: 1998-10-08	
PRIOR APPLICATION NUMBER: 60/103678	
PRIOR FILING DATE: 1998-10-08	
PRIOR APPLICATION NUMBER: 60/103679	
PRIOR FILING DATE: 1998-10-08	
PRIOR APPLICATION NUMBER: 60/103711	
PRIOR FILING DATE: 1998-10-08	
PRIOR APPLICATION NUMBER: 60/104257	
PRIOR FILING DATE: 1998-10-14	
PRIOR APPLICATION NUMBER: 60/104987	
PRIOR FILING DATE: 1998-10-20	
PRIOR APPLICATION NUMBER: 60/105000	
PRIOR FILING DATE: 1998-10-20	
PRIOR APPLICATION NUMBER: 60/105002	
PRIOR FILING DATE: 1998-10-20	

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; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105104
; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 60/105169
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28
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Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      64 CCATGCTGCTAGCCCATG 82
Db      1 CCATGCTGCTAGCCCATG 19
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RESULT 1620
US-10-017-253A-454
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; Sequence 454, Application US/10017253A
; Publication No. US20030166055A1
```

```

; GENERAL INFORMATION:
```

```

; APPLICANT: Baker, Kevin P.
```

```

; APPLICANT: Botstein, David
```

```

; APPLICANT: Desnoyers, Luc
```

```

; APPLICANT: Eaton, Dan L.
```

```

; APPLICANT: Ferrara, Napoleone
```

```

; APPLICANT: Fong, Sherman
```

```

; APPLICANT: Gao, Wei-Qiang
```

```

; APPLICANT: Goddard, Audrey
```

```

; APPLICANT: Godowski, Paul J.
```

```

; APPLICANT: Grimaldi, Christopher J.
```

```

; APPLICANT: Gurney, Austin L.
```

```

; APPLICANT: Hillan, Kenneth J.
```

```

; APPLICANT: Pan, James
```

```

; APPLICANT: Paoni, Nicholas F.
```

```

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
```

```

; FILE REFERENCE: P2830P1C62
```

```

; CURRENT APPLICATION NUMBER: US/10/017,253A
```

```

; PRIOR FILING DATE: 2001-12-13
```

```

; PRIOR APPLICATION NUMBER: 60/098716
```

```

; PRIOR FILING DATE: 1998-09-01
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```

; PRIOR APPLICATION NUMBER: 60/098723
```

```

; PRIOR FILING DATE: 1998-09-01
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```

; PRIOR APPLICATION NUMBER: 60/098749
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```

; PRIOR FILING DATE: 1998-09-01
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```

; PRIOR APPLICATION NUMBER: 60/098750
```

```

; PRIOR FILING DATE: 1998-09-01
```

```

; PRIOR APPLICATION NUMBER: 60/098803
```

```

; PRIOR FILING DATE: 1998-09-02
```

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; PRIOR APPLICATION NUMBER: 60/098821
```

```

; PRIOR FILING DATE: 1998-09-02
```

```

; PRIOR APPLICATION NUMBER: 60/098843
```

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; PRIOR FILING DATE: 1998-09-02
```

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; PRIOR APPLICATION NUMBER: 60/099536
```

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; PRIOR FILING DATE: 1998-09-09
```

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; PRIOR APPLICATION NUMBER: 60/099596
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```

; PRIOR FILING DATE: 1998-09-09
```

```

; PRIOR APPLICATION NUMBER: 60/099598
```

```

; PRIOR FILING DATE: 1998-09-09
```

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; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-253A-454
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Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      64 CCATGCTGCTAGCCCATG 82
Db      1 CCATGCTGCTAGCCCATG 19
```

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RESULT 1621
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US-10-015-392A-454
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```

; Sequence 454, Application US/10015392A
; Publication No. US20030166901A1
```

```

; GENERAL INFORMATION:
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; APPLICANT: Baker, Kevin P.
```

```

; APPLICANT: Botstein, David
```

```

; APPLICANT: Desnoyers, Luc
```

```

; APPLICANT: Eaton, Dan L.
```

```

; APPLICANT: Ferrara, Napoleone
```

```

; APPLICANT: Fong, Sherman
```

```

; APPLICANT: Gao, Wei-Qiang
```

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; APPLICANT: Goddard, Audrey
```

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; APPLICANT: Godowski, Paul J.
```

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; APPLICANT: Grimaldi, Christopher J.
```

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; APPLICANT: Gurney, Austin L.
```

```

; APPLICANT: Hillan, Kenneth J.
```

```

; APPLICANT: Pan, James
```

```

; APPLICANT: Paoni, Nicholas F.
```

```

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
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; FILE REFERENCE: P2830P1C58
```

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; CURRENT APPLICATION NUMBER: US/10/015,392A
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```

; PRIOR FILING DATE: 2001-12-12
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; PRIOR APPLICATION NUMBER: 60/098716
```

```

; PRIOR FILING DATE: 1998-09-01
```

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; PRIOR APPLICATION NUMBER: 60/098750
```

```

; PRIOR FILING DATE: 1998-09-01
```

```

; PRIOR APPLICATION NUMBER: 60/098803
```

```

; PRIOR FILING DATE: 1998-09-02
```

```

; PRIOR APPLICATION NUMBER: 60/098821
```

```

; PRIOR FILING DATE: 1998-09-02
```

```

; PRIOR APPLICATION NUMBER: 60/098843
```

```

; PRIOR FILING DATE: 1998-09-02
```

```

; PRIOR APPLICATION NUMBER: 60/099536
```

```

; PRIOR FILING DATE: 1998-09-09
```

```

; PRIOR APPLICATION NUMBER: 60/099596
```

```

; PRIOR FILING DATE: 1998-09-09
```

```

; PRIOR APPLICATION NUMBER: 60/099598
```

```

; PRIOR FILING DATE: 1998-09-09
```

```

; Remaining Prior Application data removed - See File Wrapper or PALM.
```

```

; NUMBER OF SEQ ID NOS: 477
```

```

; SEQ ID NO 454
```

```

; LENGTH: 21
```

```

; TYPE: DNA
```

```

; ORGANISM: Artificial Sequence
```

```

; FEATURE:
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```

; OTHER INFORMATION: Synthetic oligonucleotide probe
```

```

US-10-015-392A-454
```

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGCCATG 82
Db 1 CCATGCTGCTAGCCCAAG 19

RESULT 1622

US-10-017-306A-454
; Sequence 454, Application US/10017306A
; Publication No. US20030170718A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C66
; CURRENT APPLICATION NUMBER: US/10/017,306A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-306A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGCCATG 82
Db 1 CCATGCTGCTAGCCCAAG 19

RESULT 1623

US-10-025-145A-62
; Sequence 62, Application US/10025145A
; Publication No. US20030175861A1
; GENERAL INFORMATION:
; APPLICANT: Croteau, Rodney B.
; APPLICANT: Bohlmann, Joerg
; APPLICANT: Steele, Christopher L.
; APPLICANT: Phillips, Michael A.
; TITLE OF INVENTION: Monoterpene Synthases from Grand Fir (Abies Grandie)
; FILE REFERENCE: WSUR118414
; CURRENT APPLICATION NUMBER: US/10/025,145A
; CURRENT FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: US 09/360,545
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: PCT/US98/14528
; PRIOR FILING DATE: 1998-07-10
; PRIOR APPLICATION NUMBER: US 60/052,249
; PRIOR FILING DATE: 1997-07-11
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 62
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Corresponding to Conserved Amino Acid Sequence S
; OTHER INFORMATION: t Forth in SEQ ID NO:51
US-10-025-145A-62

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1885 AGGAGTGCTGAGATCTT 1903
Db 2 AGGAGCTGCTGAGATCTT 20

RESULT 1624

US-10-017-867A-454
; Sequence 454, Application US/10017867A
; Publication No. US20030180792A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C60
; CURRENT APPLICATION NUMBER: US/10/017,867A
; CURRENT FILING DATE: 2001-12-13
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099602
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099642
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099741
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099754
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099763
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099792

PRIOR FILING DATE: 1998-10-28

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGGCCATG 82
DB 1 CCATGCTGCTAGGCCAAG 19

RESULT 1625

US-10-012-064A-454
; Sequence 454, Application US/10012064A
; Publication No. US20030180836A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C19
; CURRENT FILING DATE: 2002-07-15
; PRIOR APPLICATION NUMBER: US/10/012,064A
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-064A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGGCCATG 82
DB 1 CCATGCTGCTAGGCCAAG 19

RESULT 1626

US-10-032-585-5292/C
; Sequence 5292, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5292
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5292

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2839 TGCTGAAGCTTGCTGAGC 2857
DB 21 TGCTGAAGCTGCTGATAC 3

RESULT 1627

US-10-084-839-3651/C
; Sequence 3651, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: IP, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamacheva, Victor
; APPLICANT: Lyamacheva, Natalie E.
; APPLICANT: Ma, Wupo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: PORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3651
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-3651


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FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-610A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      64 CCATGCTGCTAGGCCATG 82
      |||||
Db      1 CCATGCTGCTCAGCCAG 19

RESULT 1631
US-10-012-137A-454
; Sequence 454, Application US/10012137A
; Publication No. US20030187189A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C29
; CURRENT APPLICATION NUMBER: US/10/012.137A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-137A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      64 CCATGCTGCTAGGCCATG 82
      |||||
Db      1 CCATGCTGCTCAGCCAG 19

RESULT 1632
US-10-012-752A-454
; Sequence 454, Application US/10012752A
; Publication No. US20030187190A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
```

```
APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C24
; CURRENT APPLICATION NUMBER: US/10/012.752A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-752A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      64 CCATGCTGCTAGGCCATG 82
      |||||
Db      1 CCATGCTGCTCAGCCAG 19

RESULT 1633
US-10-012-754A-454
; Sequence 454, Application US/10012754A
; Publication No. US20030187191A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C18
; CURRENT APPLICATION NUMBER: US/10/012.754A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-754A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      64 CCATGCTGCTAGGCCATG 82
      |||||
Db      1 CCATGCTGCTCAGCCAG 19

RESULT 1634
US-10-013-910A-454
; Sequence 454, Application US/10013910A
; Publication No. US20030187192A1
```

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GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C3
CURRENT APPLICATION NUMBER: US/10/013,910A
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-910A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      64 CCATGCTGCTAGGCCCATG 82
Db      1 CCATGCTGCTAGGCCCAAG 19

RESULT 1635
US-10-013-911A-454
Sequence 454, Application US/10013911A
Publication No. US20030187193A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C3
CURRENT APPLICATION NUMBER: US/10/013,911A
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-911A-454
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PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099602
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099642
PRIOR FILING DATE: 1998-09-09
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PRIOR APPLICATION NUMBER: 60/099754
PRIOR FILING DATE: 1998-09-10
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PRIOR FILING DATE: 1998-09-10
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PRIOR FILING DATE: 1998-09-10
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PRIOR FILING DATE: 1998-09-15
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PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100683
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100684
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100710
PRIOR FILING DATE: 1998-09-17
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PRIOR FILING DATE: 1998-09-18
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PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101071
PRIOR FILING DATE: 1998-09-18
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PRIOR APPLICATION NUMBER: 60/101471
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101472
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PRIOR FILING DATE: 1998-09-23
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PRIOR FILING DATE: 1998-09-23
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PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101476
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PRIOR FILING DATE: 1998-09-29
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PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102484
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102487
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102570
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102571
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PRIOR APPLICATION NUMBER: 60/102684
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PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103314
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103315
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103328
PRIOR FILING DATE: 1998-10-07
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PRIOR FILING DATE: 1998-10-07
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PRIOR FILING DATE: 1998-10-07
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PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103449
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PRIOR APPLICATION NUMBER: 60/103633
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PRIOR APPLICATION NUMBER: 60/103711
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/104257
PRIOR FILING DATE: 1998-10-14
PRIOR APPLICATION NUMBER: 60/104987
PRIOR FILING DATE: 1998-10-20

PRIOR APPLICATION NUMBER: 60/105000
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PRIOR APPLICATION NUMBER: 60/105002
PRIOR FILING DATE: 1998-10-20
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PRIOR FILING DATE: 1998-10-27
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PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 64 CCATGCTGCTAGCCATG 82
Db 1 CCATGCTGCTAGCCATG 19
|||||

RESULT 1636
US-10-013-912A-454
Sequence 454, Application US/10013912A
Publication No. US20030187194A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC32
CURRENT APPLICATION NUMBER: US/10/013,912A
CURRENT FILING DATE: 2001-12-10
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596

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; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-912A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      64 CCATGCTGCTAGGCCATG 82
Db      1 CCATGCTGCTAGGCCAAG 19

RESULT 1637
US-10-015-653A-454
; Sequence 454, Application US/10015653A
; Publication No. US20030187195A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gueney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C43
; CURRENT APPLICATION NUMBER: US/10/015,653A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-653A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      64 CCATGCTGCTAGGCCATG 82
Db      1 CCATGCTGCTAGGCCAAG 19

RESULT 1638
US-10-012-101B-454
; Sequence 454, Application US/10012101B
; Publication No. US20030187239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
```

```
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gueney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C6
; CURRENT APPLICATION NUMBER: US/10/012,101B
; CURRENT FILING DATE: 2001-12-06
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-101B-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      64 CCATGCTGCTAGGCCATG 82
Db      1 CCATGCTGCTAGGCCAAG 19

RESULT 1639
US-10-091-281-204
; Sequence 204, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 204
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative XSEC/STAF .02 motif
US-10-091-281-204

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1143 CTGACCACTGCTGTGCA 1161
Db      2 CTGCCACACTGCTCTACA 20

RESULT 1640
US-10-015-480A-454
; Sequence 454, Application US/10015480A
; Publication No. US20030190667A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
```

```

: APPLICANT: Desnoyers, Luc
: APPLICANT: Baton, Dan L.
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, Christopher J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth J.
: APPLICANT: Pan, James
: APPLICANT: Paoni, Nicholas F.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: FILE REFERENCE: P2830P1C30
: CURRENT APPLICATION NUMBER: US/10/015,480A
: PRIOR APPLICATION: 2002-06-25
: NUMBER OF SEQ ID NOS: 477
: SEQ ID NO 454
: LENGTH: 21
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-480A-454

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGGCCATG 82
DB 1 CCATGCTGCTAGGCCAAG 19

RESULT 1641
US-10-015-715A-454
: Sequence 454, Application US/10015715A
: Publication No. US20030190668A1
: GENERAL INFORMATION:
: APPLICANT: Baker, Kevin P.
: APPLICANT: Botstein, David
: APPLICANT: Desnoyers, Luc
: APPLICANT: Baton, Dan L.
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, Christopher J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth J.
: APPLICANT: Pan, James
: APPLICANT: Paoni, Nicholas F.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: FILE REFERENCE: P2830P1C36
: CURRENT APPLICATION NUMBER: US/10/015,715A
: CURRENT FILING DATE: 2002-06-25
: Prior Application removed - See File Wrapper or Palm
: NUMBER OF SEQ ID NOS: 477
: SEQ ID NO 454
: LENGTH: 21
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-715A-454

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGGCCATG 82
DB 1 CCATGCTGCTAGGCCAAG 19
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QY 64 CCATGCTGCTAGGCCATG 82
DB 1 CCATGCTGCTAGGCCAAG 19

RESULT 1642
US-10-012-237A-454
: Sequence 454, Application US/10012237A
: Publication No. US20030191281A1
: GENERAL INFORMATION:
: APPLICANT: Baker, Kevin P.
: APPLICANT: Botstein, David
: APPLICANT: Desnoyers, Luc
: APPLICANT: Baton, Dan L.
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, Christopher J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth J.
: APPLICANT: Pan, James
: APPLICANT: Paoni, Nicholas F.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: FILE REFERENCE: P2830P1C21
: CURRENT APPLICATION NUMBER: US/10/012,237A
: CURRENT FILING DATE: 2002-06-10
: Prior Application removed - See File Wrapper or Palm
: NUMBER OF SEQ ID NOS: 477
: SEQ ID NO 454
: LENGTH: 21
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-237A-454

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGGCCATG 82
DB 1 CCATGCTGCTAGGCCAAG 19

RESULT 1643
US-10-013-906A-454
: Sequence 454, Application US/10013906A
: Publication No. US20030191282A1
: GENERAL INFORMATION:
: APPLICANT: Baker, Kevin P.
: APPLICANT: Botstein, David
: APPLICANT: Desnoyers, Luc
: APPLICANT: Baton, Dan L.
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, Christopher J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth J.
: APPLICANT: Pan, James
: APPLICANT: Paoni, Nicholas F.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: FILE REFERENCE: P2830P1C36
: CURRENT APPLICATION NUMBER: US/10/013,906A
: CURRENT FILING DATE: 2002-06-10
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PRIOR APPLICATION NUMBER: 60/103678
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103679
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103711
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/104257
PRIOR FILING DATE: 1998-10-14
PRIOR APPLICATION NUMBER: 60/104987
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105000
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105002
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PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105807
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105881
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

OY 64 CCATGCTGCTCAGGCCATG 82
DB 1 CCATGCTGCTCAGGCCAAG 19

RESULT 1644
US-10-015-388A-454
Sequence 454, Application US/10015388A
Publication No. US20030191299A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Baton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Grimaldi, Paul J.
APPLICANT: Gurney, Austin J.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1C44
CURRENT APPLICATION NUMBER: US/10/015.388A
CURRENT FILING DATE: 2002-07-15
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-388A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

OY 64 CCATGCTGCTCAGGCCATG 82
DB 1 CCATGCTGCTCAGGCCAAG 19

RESULT 1645
US-10-012-753A-454
Sequence 454, Application US/10012753A
Publication No. US2003019534A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Baton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Grimaldi, Paul J.
APPLICANT: Gurney, Austin J.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1C17
CURRENT APPLICATION NUMBER: US/10/012.753A
CURRENT FILING DATE: 2001-12-07
Prior application removed - See file Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-753A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

OY 64 CCATGCTGCTCAGGCCATG 82
DB 1 CCATGCTGCTCAGGCCAAG 19

RESULT 1646
US-10-015-385A-454
Sequence 454, Application US/10015385A
Publication No. US20030195347A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Baton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Grimaldi, Paul J.
APPLICANT: Gurney, Austin J.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James

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; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C51
; CURRENT APPLICATION NUMBER: US/10/015,385A
; CURRENT FILING DATE: 2002-07-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-385A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      64 CCATGCTGCTAGGCCCATG 82
Db      1 CCATGCTGCTAGGCCCAAG 19

RESULT 1647
US-10-007-236A-454
; Sequence 454, Application US/10007236A
; Publication No. US20030198993A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C12
; CURRENT APPLICATION NUMBER: US/10/007,236A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-007-236A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      64 CCATGCTGCTAGGCCCATG 82
Db      1 CCATGCTGCTAGGCCCAAG 19

RESULT 1648
US-10-015-389A-454
; Sequence 454, Application US/10015389A
; Publication No. US20030199675A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C48
; CURRENT APPLICATION NUMBER: US/10/015,389A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-389A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      64 CCATGCTGCTAGGCCCATG 82
Db      1 CCATGCTGCTAGGCCCAAG 19

RESULT 1649
US-10-015-519A-454
; Sequence 454, Application US/10015519A
; Publication No. US20030203401A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C49
; CURRENT APPLICATION NUMBER: US/10/015,519A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-519A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;

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Best Local Similarity 84.2%; Pred. No. 1e+03; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3;

QY 64 CCATGCTGCTAGGCCATG 82
|||||
Db 1 CCATGCTGCTAGGCCAAG 19

RESULT 1650

US-10-013-915A-454
; Sequence 454, Application US/10013915A
; Publication No. US20030204053A1
; GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C37
; CURRENT APPLICATION NUMBER: US/10/013,915A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-915A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3;

QY 64 CCATGCTGCTAGGCCATG 82
|||||
Db 1 CCATGCTGCTAGGCCAAG 19

RESULT 1651

US-10-015-394A-454
; Sequence 454, Application US/10015394A
; Publication No. US20030204054A1
; GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C41

CURRENT APPLICATION NUMBER: US/10/015,394A
; CURRENT FILING DATE: 2001-12-11
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-394A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3;

QY 64 CCATGCTGCTAGGCCATG 82
|||||
Db 1 CCATGCTGCTAGGCCAAG 19

RESULT 1652

US-10-314-578-129
; Sequence 129, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:

APPLICANT: Krieg, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCU/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 129
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-129

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3;

QY 728 CATGAGTTCTTCACCAAG 746
Db 3 CATGGTTTCTCCACCAAG 21

RESULT 1653
US-10-314-578-130/C
; Sequence 130, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Kries, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jörg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 130
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-130

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 728 CATGAGTTCTTCACCAAG 746
Db 19 CATGGTTTCTCCACCAAG 1

RESULT 1654
US-10-015-390A-454
; Sequence 454, Application US/10015390A
; Publication No. US20030216562A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnuyere, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C53
; CURRENT APPLICATION NUMBER: US/10/015,390A
; CURRENT FILING DATE: 2002-07-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-390A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGCCATG 82
Db 1 CCATGCTGCTAGCCCAAG 19

RESULT 1655
US-10-377-684-3/C
; Sequence 3, Application US/10377684
; Publication No. US20030219796A1
; GENERAL INFORMATION:
; APPLICANT: GENOX RESEARCH, INC.
; APPLICANT: JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF AGENCY OF
; APPLICANT: NATIONAL CENTER FOR CHILD HEALTH AND DEVELOPMENT
; APPLICANT: Nagata, Naoko
; APPLICANT: Oshida, Tadahiro
; APPLICANT: Sugita, Yuji
; APPLICANT: Kubo, Masato
; APPLICANT: Saito, Hirohisa
; TITLE OF INVENTION: Method of Testing for Allergic Disease
; FILE REFERENCE: SHIMIZU-07595
; CURRENT APPLICATION NUMBER: US/10/377,684
; CURRENT FILING DATE: 2003-02-27
; PRIOR APPLICATION NUMBER: JP 2002-52310
; PRIOR FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: PCT/JP03/00600
; PRIOR FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-377-684-3

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1658 CTTCTGCAGCTCTGCAG 1676
Db 21 CTTCTGCAGCTCTGCAG 3

RESULT 1656
US-10-006-746A-454
; Sequence 454, Application US/10006746A
; Publication No. US20030220471A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnuyere, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C53
; CURRENT APPLICATION NUMBER: US/10/006,746A
; CURRENT FILING DATE: 2002-07-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:


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; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103633
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103678
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103679
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103711
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/104257
; PRIOR FILING DATE: 1998-10-14
; PRIOR APPLICATION NUMBER: 60/104987
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105000
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105002
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105104
; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 60/105169
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28
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Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 1e+03; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```
QY 64 CCATGCTGTGTCAGCCCATG 82
Db 1 CCATGCTGTGTCAGCCCATG 19
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RESULT 1657

US-10-226-254A-454

; Sequence 454, Application US/10226254A

; Publication No. US20030224478A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Deenoyers, Luc

; APPLICANT: Eaton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, Christopher J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: P2830P1C68

; CURRENT APPLICATION NUMBER: US/10/226.254A

; PRIOR FILING DATE: 2002-08-21

; PRIOR APPLICATION NUMBER: 60/098716

; PRIOR FILING DATE: 1998-09-01

; PRIOR APPLICATION NUMBER: 60/098723

; PRIOR FILING DATE: 1998-09-01

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; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-226-254A-454
```

Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 1e+03; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```
QY 64 CCATGCTGTGTCAGCCCATG 82
Db 1 CCATGCTGTGTCAGCCCATG 19
```

RESULT 1658

US-10-418-182-112/c

; Sequence 112, Application US/10418182

; Publication No. US20030228302A1

; GENERAL INFORMATION:

; APPLICANT: Crea, Roberto

; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS

; FILE REFERENCE: 1551.2001-001

; CURRENT APPLICATION NUMBER: US/10/418.182

; PRIOR FILING DATE: 2003-04-16

; PRIOR APPLICATION NUMBER: 60/373.558

; NUMBER OF SEQ ID NOS: 423

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 112

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: oligonucleotide

US-10-418-182-112

Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 1e+03; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 1715 CATGATCACCATTTCATC 1733
Db 21 CATGATCACCATTTCATC 3
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RESULT 1659

US-10-405-877-112

; Sequence 112, Application US/10405877

; Publication No. US20030232363A1

; GENERAL INFORMATION:

; APPLICANT: Stahl, Andreas

; APPLICANT: Hirsch, David J.

```

; APPLICANT: Lodish, Harvey F.
; APPLICANT: Gimeno, Ruth E.
; TITLE OF INVENTION: FATTY ACID TRANSPORT PROTEINS
; FILE REFERENCE: 0399.1180-030
; CURRENT APPLICATION NUMBER: US/10/405,877
; CURRENT FILING DATE: 2003-04-01
; PRIOR APPLICATION NUMBER: US 09/611,197
; PRIOR FILING DATE: 2000-07-02
; PRIOR APPLICATION NUMBER: US 09/506,252
; PRIOR FILING DATE: 2000-02-17
; PRIOR APPLICATION NUMBER: US 09/465,280
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: US 09/405,504
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: US 09/405,505
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: US 09/232,197
; PRIOR FILING DATE: 1999-01-14
; PRIOR APPLICATION NUMBER: US 09/232,200
; PRIOR FILING DATE: 1999-01-14
; PRIOR APPLICATION NUMBER: US 09/232,201
; PRIOR FILING DATE: 1999-01-14
; PRIOR APPLICATION NUMBER: US 09/232,195
; PRIOR FILING DATE: 1999-01-14
; PRIOR APPLICATION NUMBER: US 09/232,191
; PRIOR FILING DATE: 1999-01-14
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 140
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 112
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-405-877-112

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3738 CAGGTGCCCGCCCGCCGCGC 3756
DB      3 CAGGTTCCCGCCCGCCCGTC 21

RESULT 1660
US-10-349-143-3998
; Sequence 3998, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
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```

; OTHER INFORMATION: upstream amplification primer 99-12650 for SEQ 64,
US-10-349-143-3998

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1715 CATGATACCATCTTCATC 1733
DB      3 CCTATCATCATCTTCATC 21

RESULT 1661
US-10-349-143-6964/C
; Sequence 6964, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-21763 for SEQ 3030,
US-10-349-143-6964

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1593 GAAACAGAGAGAGAGAGA 1611
DB      21 GAGACAGAGAGAGAGAGAAA 3

RESULT 1662
US-10-349-143-7474/C
; Sequence 7474, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
```

```

; SEQ ID NO 7474
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-5329 for SEQ 3540,
US-10-349-143-7474

Query Match
Best Local Similarity 84.2%; DB 1; Length 21;
Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2589 AGCGACATCATGACGACTG 2607
DB 19 AGCGACATCATGACGACTG 1

RESULT 1663
US-10-349-143-10061
; Sequence 10061, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10061
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-921 for SEQ 2196, in complement
US-10-349-143-10061

Query Match
Best Local Similarity 84.2%; DB 1; Length 21;
Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2808 GAAATGAGAGAGAGAGT 2826
DB 2 GAAATGAGAGAGAGAGT 20

RESULT 1664
US-10-011-795A-454
; Sequence 454, Application US/10011795A
; Publication No. US20040005626A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillen, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C25
; CURRENT APPLICATION NUMBER: US/10/011,795A
; PRIOR FILING DATE: 2001-12-07
; Prior application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-011-795A-454

Query Match
Best Local Similarity 84.2%; DB 1; Length 21;
Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGCCCATG 82
DB 1 CCATGCTGCTAGCCCATG 19

RESULT 1665
US-10-420-194-463
; Sequence 463, Application US/10420194
; Publication No. US20040006035A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, Jim
; APPLICANT: Blact, Larry
; APPLICANT: Maciejak, Dennis
; TITLE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusedgenic Peptide
; TITLE OF INVENTION: Interactions
; FILE REFERENCE: MBHB02-305-A (400/011)
; CURRENT APPLICATION NUMBER: US/10/420,194
; CURRENT FILING DATE: 2003-04-22
; PRIOR APPLICATION NUMBER: PCT/US 03/05190
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/374,722
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1234
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 463
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Human immunodeficiency virus
US-10-420-194-463

Query Match
0.3%; Score 14.2; DB 1; Length 21;
Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

Best Local Similarity 73.7%; Pred. No. 1e+03; Matches 14; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 4299 GCAACAAACAGCTGGGTC 4317

Db 1 GCAACUCACAGUCUGGGC 19

RESULT 1666

US-10-420-194-464

; Sequence 464, Application US/10420194
; Publication No. US20040006035A1
; GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, Jim

; APPLICANT: Blact, Larry

; TITLE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusogenic Peptide

; TITLE OF INVENTION: Interactions

; FILE REFERENCE: MBH02-305-A (400/011)

; CURRENT FILING DATE: 2003-04-22

; PRIOR APPLICATION NUMBER: PCT/US 03/05190

; PRIOR FILING DATE: 2003-02-20

; PRIOR APPLICATION NUMBER: US 60/398,036

; PRIOR FILING DATE: 2002-07-23

; PRIOR APPLICATION NUMBER: US 60/374,722

; PRIOR FILING DATE: 2002-04-22

; PRIOR APPLICATION NUMBER: US 60/358,580

; PRIOR FILING DATE: 2002-02-20

; PRIOR APPLICATION NUMBER: US 60/363,124

; PRIOR FILING DATE: 2002-03-11

; PRIOR APPLICATION NUMBER: US 60/386,782

; PRIOR FILING DATE: 2002-06-06

; PRIOR APPLICATION NUMBER: US 60/406,784

; PRIOR FILING DATE: 2002-08-29

; PRIOR APPLICATION NUMBER: US 60/408,378

; PRIOR FILING DATE: 2002-09-05

; PRIOR APPLICATION NUMBER: US 60/409,293

; PRIOR FILING DATE: 2002-09-09

; PRIOR APPLICATION NUMBER: US 60/440,129

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 1234

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 464

; LENGTH: 21

; TYPE: RNA

; ORGANISM: Human immunodeficiency virus

US-10-420-194-464

Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 73.7%; Pred. No. 1e+03; Matches 14; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 4299 GCAACAAACAGCTGGGTC 4317

Db 2 GCAACUCACAGUCUGGGC 20

RESULT 1667

US-10-420-194-466

; Sequence 466, Application US/10420194
; Publication No. US20040006035A1
; GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, Jim

; APPLICANT: Blact, Larry

; APPLICANT: Macejak, Dennis

; TITLE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusogenic Peptide

; TITLE OF INVENTION: Interactions

; FILE REFERENCE: MBH02-305-A (400/011)

; CURRENT-APPLICATION NUMBER: US/10/420,194

CURRENT FILING DATE: 2003-04-22

; PRIOR APPLICATION NUMBER: PCT/US 03/05190

; PRIOR FILING DATE: 2003-02-20

; PRIOR APPLICATION NUMBER: US 60/398,036

; PRIOR FILING DATE: 2002-07-23

; PRIOR APPLICATION NUMBER: US 60/374,722

; PRIOR FILING DATE: 2002-04-22

; PRIOR APPLICATION NUMBER: US 60/358,580

; PRIOR FILING DATE: 2002-02-20

; PRIOR APPLICATION NUMBER: US 60/363,124

; PRIOR FILING DATE: 2002-03-11

; PRIOR APPLICATION NUMBER: US 60/386,782

; PRIOR FILING DATE: 2002-06-06

; PRIOR APPLICATION NUMBER: US 60/406,784

; PRIOR FILING DATE: 2002-08-29

; PRIOR APPLICATION NUMBER: US 60/408,378

; PRIOR FILING DATE: 2002-09-05

; PRIOR APPLICATION NUMBER: US 60/409,293

; PRIOR FILING DATE: 2002-09-09

; PRIOR APPLICATION NUMBER: US 60/440,129

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 1234

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 466

; LENGTH: 21

; TYPE: RNA

; ORGANISM: Human immunodeficiency virus

US-10-420-194-466

Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 73.7%; Pred. No. 1e+03; Matches 14; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 4299 GCAACAAACAGCTGGGTC 4317

Db 3 GCAACUCACAGUCUGGGC 21

RESULT 1668

US-10-420-194-973/C

; Sequence 973, Application US/10420194
; Publication No. US20040006035A1
; GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, Jim

; APPLICANT: Blact, Larry

; APPLICANT: Macejak, Dennis

; TITLE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusogenic Peptide

; TITLE OF INVENTION: Interactions

; FILE REFERENCE: MBH02-305-A (400/011)

; CURRENT APPLICATION NUMBER: US/10/420,194

; PRIOR FILING DATE: 2003-04-22

; PRIOR APPLICATION NUMBER: PCT/US 03/05190

; PRIOR FILING DATE: 2003-02-20

; PRIOR APPLICATION NUMBER: US 60/398,036

; PRIOR FILING DATE: 2002-07-23

; PRIOR APPLICATION NUMBER: US 60/374,722

; PRIOR FILING DATE: 2002-04-22

; PRIOR APPLICATION NUMBER: US 60/358,580

; PRIOR FILING DATE: 2002-02-20

; PRIOR APPLICATION NUMBER: US 60/363,124

; PRIOR FILING DATE: 2002-03-11

; PRIOR APPLICATION NUMBER: US 60/386,782

; PRIOR FILING DATE: 2002-06-06

; PRIOR APPLICATION NUMBER: US 60/406,784

; PRIOR FILING DATE: 2002-08-29

; PRIOR APPLICATION NUMBER: US 60/408,378

; PRIOR FILING DATE: 2002-09-05

; PRIOR APPLICATION NUMBER: US 60/409,293

; PRIOR FILING DATE: 2002-09-09

; PRIOR APPLICATION NUMBER: US 60/440,129

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 1234

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 466

; LENGTH: 21

; TYPE: RNA

; ORGANISM: Human immunodeficiency virus

US-10-420-194-466

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; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1234
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 973
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-420-194-973

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4299 GCAACAACAGCTCTGGGTC 4317
Db      21 GCAACTCACAGCTCTGGGTC 3

RESULT 1669
US-10-420-194-974/c
; Sequence 974, Application US/10420194
; Publication No. US2004006035A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, Jim
; APPLICANT: Blact, Larry
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusogenic Peptide
; FILE REFERENCE: MBH02-305-A (400/011)
; CURRENT APPLICATION NUMBER: US/10/420,194
; PRIOR FILING DATE: 2003-04-22
; PRIOR APPLICATION NUMBER: PCT/US 03/05190
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/374,722
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1234
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 974
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-420-194-974

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4299 GCAACAACAGCTCTGGGTC 4317
Db      20 GCAACTCACAGCTCTGGGTC 2

RESULT 1670
US-10-420-194-976/c
; Sequence 976, Application US/10420194
; Publication No. US2004006035A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, Jim
; APPLICANT: Blact, Larry
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusogenic Peptide
; FILE REFERENCE: MBH02-305-A (400/011)
; CURRENT APPLICATION NUMBER: US/10/420,194
; PRIOR FILING DATE: 2003-04-22
; PRIOR APPLICATION NUMBER: PCT/US 03/05190
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/374,722
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1234
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 976
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-420-194-976

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4299 GCAACAACAGCTCTGGGTC 4317
Db      19 GCAACTCACAGCTCTGGGTC 1

RESULT 1671
US-10-012-231A-454
; Sequence 454, Application US/10012231A
; Publication No. US20040014130A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austen L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC23
; CURRENT APPLICATION NUMBER: US/10/012,231A
; CURRENT FILING DATE: 2002-06-10
```

; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-231A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTCTGCTAGCCGAG 82
DB 1 CCATGCTCTGCTAGCCGAG 19

RESULT 1672

US-10-072-012-1188/C
; Sequence 1188, Application US/10072012
; Publication No. US2004003493A1
; GENERAL INFORMATION:
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Zethusen, Bryan
; APPLICANT: Patuturajan, Meera
; APPLICANT: Shinkels, Richard
; APPLICANT: Li, Li
; APPLICANT: Gangolli, Esha
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Anderson, David W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Miller, Charles E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Taupier Jr, Raymond J.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Coleman, Steven D.
; APPLICANT: Wolenc, Adam R.
; APPLICANT: Pena, Carol E. A
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Grose, William M.
; APPLICANT: Alsobrook II, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-258
; CURRENT APPLICATION NUMBER: US/10/072,012
; PRIOR APPLICATION NUMBER: 60/265,102
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/265,514
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,517
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,412
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,395
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/266,406
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 60/266,767
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: 60/267,057
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/266,975
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/267,459
; PRIOR FILING DATE: 2001-02-08
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1391

; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1188
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Ag2993 Reverse
US-10-072-012-1188

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 609 AGCAGTCCTATCTCCCGG 627
DB 21 AGCAGTCCTATCTAGAGG 3

RESULT 1673

US-10-015-395A-454
; Sequence 454, Application US/10015395A
; Publication No. US20040073015A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botsstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Batou, Dan J.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C57
; CURRENT APPLICATION NUMBER: US/10/015,395A
; PRIOR FILING DATE: 2001-12-12
; Prior Application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-395A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTCTGCTAGCCGAG 82
DB 1 CCATGCTCTGCTAGCCGAG 19

RESULT 1674

US-10-461-194-61/C
; Sequence 61, Application US/10461194
; Publication No. US20040077058A1
; GENERAL INFORMATION:
; APPLICANT: Hutchinson, Richard C.
; APPLICANT: Reid, Ralph C.
; APPLICANT: Hu, Zhihao
; APPLICANT: Rascher, Andreas
; APPLICANT: Schirmer, Robert
; APPLICANT: McDaniel, Robert
; TITLE OF INVENTION: RECOMBINANT POLYNUCLEOTIDES ENCODING

;; TITLE OF INVENTION: PRO-GERANAMYCIN PRODUCING POLYKETIDE SYNTHASES AND
;; FILE REFERENCE: 300622009700
;; CURRENT APPLICATION NUMBER: US/10/461,194
;; PRIOR FILING DATE: 2003-06-13
;; PRIOR APPLICATION NUMBER: US 60/389,255
;; PRIOR FILING DATE: 2002-06-14
;; PRIOR APPLICATION NUMBER: US 60/393,929
;; PRIOR FILING DATE: 2002-07-03
;; PRIOR APPLICATION NUMBER: US 60/395,275
;; PRIOR FILING DATE: 2002-07-12
;; PRIOR APPLICATION NUMBER: US 10/212,962
;; PRIOR FILING DATE: 2002-08-05
;; PRIOR APPLICATION NUMBER: US 60/415,326
;; PRIOR FILING DATE: 2002-09-30
;; PRIOR APPLICATION NUMBER: US 60/420,820
;; PRIOR FILING DATE: 2002-10-24
;; PRIOR APPLICATION NUMBER: US 60/433,130
;; PRIOR FILING DATE: 2002-12-13
;; NUMBER OF SEQ ID NOS: 153
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 61
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Streptomyces hygroscopicus
US-10-461-194-61

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 215 AAGCCGGCGCAGCCGTCGC 233

Db 21 AAGCCGGCGCAGCCGTCGC 3

RESULT 1675
US-10-280-183A-398/C
; Sequence 398, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Beauchamp, Alexander A
; APPLICANT: Chatterjee, Anubindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Shantu
; APPLICANT: Li, Xia
; APPLICANT: Ohmen, Jeffrey D
; APPLICANT: Reed, Danielle R.
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; FILE REFERENCE: PCI8306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; PRIOR FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 60/200,794
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 398
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Mouse
US-10-280-183A-398

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5055 TAGTGAGACCTTTCTTCC 5073

||||| ||| ||| |||

Db 19 TAGTGAGACATTTGCTTCC 1
RESULT 1676
US-10-684-190-18
; Sequence 18, Application US/10684190
; Publication No. US20040096889A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
; FILE REFERENCE: AM101073
; CURRENT APPLICATION NUMBER: US/10/684,190
; CURRENT FILING DATE: 2003-10-10
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-684-190-18

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4785 CTCAGTCTTGTGTTGAA 4803

Db 3 CTCAGCTGTGTGTTGAA 21

RESULT 1677
US-10-684-190-19
; Sequence 19, Application US/10684190
; Publication No. US20040096889A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
; FILE REFERENCE: AM101073
; CURRENT APPLICATION NUMBER: US/10/684,190
; CURRENT FILING DATE: 2003-10-10
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-684-190-19

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 52.6%; Pred. No. 1e+03;
Matches 10; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 4785 CTCAGTCTTGTGTTGAA 4803

Db 1 CTCAGCTGTGTGTTGAA 19

RESULT 1678
US-10-651-833-4/C
; Sequence 4, Application US/10651833
; Publication No. US20040110200A1
; GENERAL INFORMATION:
; APPLICANT: Peoples, Risa
; APPLICANT: Van Atta, Renee L.
; TITLE OF INVENTION: POLYMORPHISM DETECTION AMONG HOMOLOGOUS SEQUENCES
; FILE REFERENCE: NX23
; CURRENT APPLICATION NUMBER: US/10/651,833
; CURRENT FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US 60/407,598
; PRIOR FILING DATE: 2002-08-29
; NUMBER OF SEQ ID NOS: 77


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; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; NAME/KEY: misc_feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: "n" represents a non-nucleosidic cross-linking agent
US-10-651-833-4

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      2551 CCTGTGTCACGCTGTGT 2570
Db      20 CCTAGTCAGGTGTTNT 1

RESULT 1679
US-10-415-489-24/c
; Sequence 24, Application US/10415489
; Publication No. US2004013743A1
; GENERAL INFORMATION:
; APPLICANT: Yamahouchi Pharmaceutical Co., Ltd.
; TITLE OF INVENTION: Novel clock gene promoter
; FILE REFERENCE: 075308
; CURRENT APPLICATION NUMBER: US/10/415,489
; PRIOR FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: PCT/JP02/03290
; PRIOR FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: JP 2001-107467
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: JP 2001-183087
; PRIOR FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: JP 2001-383743
; PRIOR FILING DATE: 2001-12-17
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 24
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Mus sp.
US-10-415-489-24

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2856 ACTCTTCCAAAGCTGAGC 2874
Db      20 AGTCGCAAGCTGAGC 2

RESULT 1680
US-10-627-253A-161
; Sequence 161, Application US/10627253A
; Publication No. US20040161768A1
; GENERAL INFORMATION:
; APPLICANT: BRINKMANN, ULRICH
; APPLICANT: HOFFMEYER, SVEN
; APPLICANT: MORHINWEG, ESTHER
; TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN GENE FOR THE MULTIDRUG
; TITLE OF INVENTION: RESISTANCE-ASSOCIATED PROTEIN 1 (MRP-1) AND THEIR USE IN
; FILE REFERENCE: VOS-42 CON
; CURRENT APPLICATION NUMBER: US/10/627,253A
; PRIOR FILING DATE: 2003-07-24
; PRIOR APPLICATION NUMBER: PCT/EP02/00796
; PRIOR FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: EP 01101651.6

; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 161
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic oligonucleotide
US-10-627-253A-161

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      728 CATGAGTTCTTCAACCAAG 746
Db      19 CATGAGTTCTTCTCAAG 1

RESULT 1681
US-10-627-253A-162/c
; Sequence 162, Application US/10627253A
; Publication No. US20040161768A1
; GENERAL INFORMATION:
; APPLICANT: BRINKMANN, ULRICH
; APPLICANT: HOFFMEYER, SVEN
; APPLICANT: MORHINWEG, ESTHER
; TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN GENE FOR THE MULTIDRUG
; TITLE OF INVENTION: RESISTANCE-ASSOCIATED PROTEIN 1 (MRP-1) AND THEIR USE IN
; FILE REFERENCE: VOS-42 CON
; CURRENT APPLICATION NUMBER: US/10/627,253A
; PRIOR FILING DATE: 2003-07-24
; PRIOR APPLICATION NUMBER: PCT/EP02/00796
; PRIOR FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: EP 01101651.6
; PRIOR FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 406
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 162
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic oligonucleotide
US-10-627-253A-162

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      728 CATGAGTTCTTCAACCAAG 746
Db      19 CATGAGTTCTTCTCAAG 1

RESULT 1682
US-10-480-276-31
; Sequence 31, Application US/10480276
; Publication No. US20040171015A1
; GENERAL INFORMATION:
; APPLICANT: I.N.S.E.R.M.
; TITLE OF INVENTION: CYP450-specific DNA probes and primers, and biological applicati
; TITLE OF INVENTION: cheeof
; FILE REFERENCE: bct010072
; CURRENT APPLICATION NUMBER: US/10/480,276
; PRIOR FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 31
; LENGTH: 21
; TYPE: DNA
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```
; ORGANISM: Homo sapiens
US-10-480-276-31

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4237 TTCACCTGCTGTGAGCTT 4255
DB 2 TTCACCTGCTGTGAGCTT 20

RESULT 1683
US-10-425-006B-4
; Sequence 4, Application US/10425006B
; Publication No. US20040180438A1
; GENERAL INFORMATION:
; APPLICANT: Pachuk, Catherine J.
; TITLE OF INVENTION: Methods and Compositions For Silencing
; FILE REFERENCE: 50236/010002
; CURRENT APPLICATION NUMBER: US/10/425,006B
; PRIOR FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: US 60/375,636
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-425-006B-4

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 771 AAGAGGAAACATGGGCGC 789
DB 1 AAGAGGACAAACUGGGCGC 19

RESULT 1684
US-10-786-720-1274/c
; Sequence 1274, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 2135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1274
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1-sense strand
US-10-786-720-1274

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1093 ACTCTGAATTGTGAAGAC 1111
DB 20 ATTCTGACTTGTGATGAC 2
```

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RESULT 1685
US-10-786-720-2951
; Sequence 2951, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 2135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2951
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1-sense strand
US-10-786-720-2951

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 11; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 4792 CTTGGTTGGAAGACGACG 4810
DB 1 CUUGAUUACAAAGACGACG 19

RESULT 1686
US-10-786-720-2952/c
; Sequence 2952, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 2135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2952
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1-antisense strand
US-10-786-720-2952

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4792 CTTGGTTGGAAGACGACG 4810
DB 19 CTTGATTACAAAGACGACG 1

RESULT 1687
US-10-786-720-3227
; Sequence 3227, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
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; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 3227
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-3227

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 57.9%; Pred. No. 1e+03;
Matches 11; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Cy 4792 CTTTGCTGAAGCAGCAG 4810
Db 1 CUUGAUUACAAGGAGCAG 19

RESULT 1688
US-10-786-720-3228/c
; Sequence 3228, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 3228
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-786-720-3228

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 4792 CTTTGCTGAAGCAGCAG 4810
Db 19 CTTGATTACAAGGAGCAG 1

RESULT 1689
US-10-786-720-5539
; Sequence 5539, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 5539
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-5539

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Cy 5250 AATAATTGCGCTTCTT 5268
Db 2 AACCAATTGCGATTCCTT 20

RESULT 1690
US-10-786-720-5541/c
; Sequence 5541, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES (AM101331L)
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 5541
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-786-720-5541

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 5250 AATAATTGCGCTTCTT 5268
Db 20 AACCAATTGCGATTCCTT 2

RESULT 1691
US-10-786-720-5542
; Sequence 5542, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 5542
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-5542

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 5250 AATAATTGCGCTTCTT 5268
Db 1 AACCAATTGCGATTCCTT 19

RESULT 1692
US-10-786-720-5544/c
; Sequence 5544, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
```

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; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5544
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-5544

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5250 AATTAATTGACCTTCTT 5268
Db 21 AACAAATTGTCATTCTT 3

RESULT 1693
US-10-786-720-5734/c
; Sequence 5734, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5734
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-5734

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 110 TGACGTCTCCAGAGCCGCT 128
Db 20 TGGTGTCTCCAGAGCTGCT 2

RESULT 1694
US-10-786-720-5736
; Sequence 5736, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5736
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-5736
```

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Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 12; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 110 TGACGTCTCCAGAGCCGCT 128
Db 2 UGGUGUCUCCAGAGCUGGU 20

RESULT 1695
US-10-786-720-6122
; Sequence 6122, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6122
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-6122

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 8; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

QY 267 CCCCTCTCTCTTCTTCT 285
Db 2 CACCTCUCUCUCCUCCUCU 20

RESULT 1696
US-10-786-720-7898/c
; Sequence 7898, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7898
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-7898

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3609 AGGAGGACCGAGGATCCC 3627
Db 20 AGGCTGACCGAGGATCCC 2

RESULT 1697
US-10-786-720-7928
; Sequence 7928, Application US/10786720
; Publication No. US20040191818A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7928
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-7928

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 63.2%; Pred. No. 1e+03;
Matches 12; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY      2550 CCCCTGTCACGTCGTCT 2568
Db      2   CACCUGGUGUACGUGAGU 20

RESULT 1698
US-10-786-720-10148/c
; Sequence 10148, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10148
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-10148

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3609 AGAAGACCAAGAAATCCC 3627
Db      20   AGCGTCGACCAAGAAATCC 2

RESULT 1699
US-10-786-720-10178
; Sequence 10178, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10178
; LENGTH: 21
```

```
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-10178

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 63.2%; Pred. No. 1e+03;
Matches 12; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY      2550 CCCCTGTCACGTCGTCT 2568
Db      2   CACCUGGUGUACGUGAGU 20

RESULT 1700
US-10-786-720-12722/c
; Sequence 12722, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12722
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-12722

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1591 TGGAAACAGAGAGAGAA 1609
Db      19   TGACACACAGAGAGAGTAGAA 1

RESULT 1701
US-10-786-720-12723
; Sequence 12723, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12723
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-12723

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1e+03;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      1591 TGGAAACAGAGAGAGAA 1609
Db      1   TGACACACAGAGAGAGAGAA 19
```

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RESULT 1702
US-10-786-720-12817/c
; Sequence 12817, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12817
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-12817

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2721 GCCACATGTGAAGCAAGT 2739
DB      20 GCCATATTGAAGCAATGT 2

RESULT 1703
US-10-786-720-12819
; Sequence 12819, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12819
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-12819

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 1e+03;
Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      2721 GCCACATGTGAAGCAAGT 2739
DB      2  GCCCAUUAUUGAAGACAAGU 20

RESULT 1704
US-10-786-720-12867/c
; Sequence 12867, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12874
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-12874/c

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1304 CAGCAACTGACCAAGCTG 1322
DB      19 CAGTCACTGACCACTCTG 1

RESULT 1705
US-10-786-720-12874/c
; Sequence 12874, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12874
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-12874

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2721 GCCACATGTGAAGCAAGT 2739
DB      21 GCCATATTGAAGCAATGT 3

RESULT 1706
US-10-786-720-12876
; Sequence 12876, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12876
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-12876

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 1e+03;
Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      2721 GCCACATGTGAAGCAAGT 2739
```

Db 1 GCCAUAUUGAAGACAUGU 19

RESULT 1707
US-10-786-720-13015/c
; Sequence 13015, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13015
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13015

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2721 GCCACATTGAAGACCAAGT 2739
Db 20 GCCATATTGAAGACAATGT 2

RESULT 1708
US-10-786-720-13017
; Sequence 13017, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13017
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13017

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 2721 GCCACATTGAAGACCAAGT 2739
Db 2 GCCAUAUUGAAGACAUGU 20

RESULT 1709
US-10-786-720-13023/c
; Sequence 13023, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13023
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13023

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1304 CAGCCCACTGACCAAGCTG 1322
Db 19 CAGTCAACTGACCAACTGTG 1

RESULT 1710
US-10-786-720-13024/c
; Sequence 13024, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13024
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13024

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2721 GCCACATTGAAGACCAAGT 2739
Db 21 GCCATATTGAAGACAATGT 3

RESULT 1711
US-10-786-720-13026
; Sequence 13026, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13026
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13026

Query Match 0.3%; Score 14.2; DB 1; Length 21;

```
Best Local Similarity 68.4%; Pred. No. 1e+03; Indels 0; Gaps 0;
Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      2721 GCCACATGAGACCAAGT 2739
      |||::|||
      1 GCCAUAUUGAAGCAUUGU 19

RESULT 1712
US-10-786-720-14412/c
; Sequence 14412, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14412
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-14412

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2815 AAGAGCAAGTGAGGGGA 2833
      |||::|||
      21 AAGTATGAGTGAAGAGCA 3

RESULT 1713
US-10-786-720-14424/c
; Sequence 14424, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14424
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-14424

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1100 ATTGTGACAGCGGTC 1118
      |||::|||
      21 AATTGTGACAGCGGCTTC 3

RESULT 1714
US-10-786-720-15488/c
; Sequence 15488, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15488
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-15488

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2322 AAATCAGCAGCAGCAAT 2340
      |||::|||
      21 AAATCCTGCAGCAGCAAT 3

RESULT 1715
US-10-786-720-16166/c
; Sequence 16166, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16166
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-16166

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2322 AAATCAGCAGCAGCAAT 2340
      |||::|||
      21 AAATCCTGCAGCAGCAAT 3

RESULT 1716
US-10-786-720-16520/c
; Sequence 16520, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16520
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-16520
```


ORGANISM: RNAi-sense strand
US-10-786-720-16520

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2322 AAATCAAGCAGCAGCT 2340
DB 21 AAATCTCGACGACGACT 3

RESULT 1717
US-10-786-720-17014
Sequence 17014, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 17014
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-17014

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2019 CACACTGTACTGACGACG 2037
DB 1 CACACTGTCTGACGACATG 19

RESULT 1718
US-10-786-720-17521/c
Sequence 17521, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 17521
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-17521

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2655 TTGTCTCCAGAACGCTC 2673
DB 19 TTGTCTCCAGAACGCTC 1

RESULT 1719

US-10-786-720-18199
Sequence 18199, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 18199
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-18199

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2019 CACACTGTACTGACGACG 2037
DB 1 CACACTGTCTGACGACATG 19

RESULT 1720
US-10-786-720-18709/c
Sequence 18709, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 18709
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-18709

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2655 TTGTCTCCAGAACGCTC 2673
DB 19 TTGTCTCCAGAACGCTC 1

RESULT 1721
US-10-786-720-19160/c
Sequence 19160, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135

```
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19160
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-19160

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2919 ATCAGCATCAAGTCCTCTG 2937
DB      20 ATCCTCATCAACCTCCTGTG 2

RESULT 1722
US-10-786-720-19495/c
; Sequence 19495, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19495
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-19495

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2704 AGTTCTCAGTGTCTATGC 2722
DB      19 AGTTCTCAGTGTCTATTC 1

RESULT 1723
US-10-786-720-19712/c
; Sequence 19712, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19712
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-19712

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2704 AGTTCTCAGTGTCTATGC 2722
DB      19 AGTTCTCAGTGTCTATTC 1

RESULT 1724
US-10-786-720-19713
; Sequence 19713, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19713
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-19713

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 47.4%; Pred. No. 1e+03;
Matches 9; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY      2704 AGTTCTCAGTGTCTATGC 2722
DB      1 AGUUCUCCAGUUGUAVUC 19

RESULT 1725
US-10-786-720-20075
; Sequence 20075, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20075
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20075

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 57.9%; Pred. No. 1e+03;
Matches 11; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY      3416 CATATCACCCACAGAGTTT 3434
DB      3 CAUCUUAACCAAGAGUUV 21

RESULT 1726
US-10-471-065-3/c
; Sequence 3, Application US/10471065
; Publication No. US20040197855A1
; GENERAL INFORMATION:
; APPLICANT: Prof. Dr. Wiesmuller, Lisa
; TITLE OF INVENTION: Test system for the determination of genotoxicities
; FILE REFERENCE: P59532
; CURRENT APPLICATION NUMBER: US/10/471,065
; CURRENT FILING DATE: 2003-09-04
```

NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of the artificial sequence: Primer EGFPseq3
US-10-471-065-3

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1516 ACAAGTCTACAGCCACAA 1534
DB 20 ACAACTACACAGCCACAA 2

RESULT 1727
US-10-775-169-4740
Sequence 4740, Application US/10775169
Publication No. US2004017543A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Burczynski, Michael
APPLICANT: Twine, Natalie
APPLICANT: Dornier, Andrew
TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
FILE REFERENCE: AM101080 (031896-013000)
CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILING DATE: 2004-02-11
NUMBER OF SEQ ID NOS: 5278
SOFTWARE: PatentIn Version 3.2
SEQ ID NO 4740
LENGTH: 25
TYPE: DNA
ORGANISM: probe
US-10-775-169-4740

Query Match 0.3%; Score 14.2; DB 1; Length 25;
Best Local Similarity 84.2%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3858 CCGGCCAAGGCCCATCA 3876
DB 6 CCGCCAGAGAGCCCTGCA 24

RESULT 1728
US-09-263-959-802
Sequence 802, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Mcmasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 802:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-802

Query Match 0.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 282 CTCTCTCTCTCTCT 295
DB 1 CTCTCTCTCTCTCT 14

RESULT 1729
US-09-263-959-810
Sequence 810, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Mcmasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 810:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-810

Query Match 0.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 282 CTCTCTCTCTCTCT 295

Db 1 CTCTCTCTCTCT 14

RESULT 1730

US-09-263-959-816
; Sequence 816, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaisters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 816:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-263-959-816

Query Match 0.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TCCTCTCTCTCTC 286
Db 1 TCCTCTCTCTCTC 14

RESULT 1731
US-09-738-046A-2/C
; Sequence 2, Application US/09738046A
; Patent No. US20030054007A1
; GENERAL INFORMATION:
; APPLICANT: FELGNER, PHILIP L.
; APPLICANT: ZELPHATI, OLIVIER
; TITLE OF INVENTION: INTRACELLULAR PROTEIN DELIVERY
; TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE
; FILE REFERENCE: GTSYS.004A
; CURRENT APPLICATION NUMBER: US/09/738,046A
; CURRENT FILING DATE: 2000-12-15
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: plasmid, pGene Grip PNA binding site
US-09-738-046A-2

Query Match 0.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 282 CTCTCTCTCTCTCT 295
Db 14 CTCTCTCTCTCTCT 1

RESULT 1732

US-09-504-231A-847
; Sequence 847, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blact, Lawrence
; APPLICANT: McSwigen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMAITC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELAT
; FILE REFERENCE: IP1 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 847
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
; US-09-504-231A-847

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 6.6e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 3002 GCCCATCTACACGC 3015
Db 2 GCCCAUCUACACGC 15

RESULT 1733
US-09-274-553D-847
; Sequence 847, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blact, Lawrence
; APPLICANT: McSwigen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMAITC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELAT
; FILE REFERENCE: IP1 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18

PRIOR APPLICATION NUMBER: 60/083,217
PRIOR FILING DATE: 1998-04-27
NUMBER OF SEQ ID NOS: 3148
SOFTWARE: PatentIn version 3.0
SEQ ID NO 847
LENGTH: 15
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-847

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 6.6e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 3002 GCCCATCTACAGC 3015
Db 2 GCCCAUUCACAGC 15

RESULT 1734
US-09-866-108-6402
Sequence 6402, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: A60MICA-7
CURRENT FILING DATE: 2001-05-25
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: A60MICA Sequence Listing Engine
SEQ ID NO 6402
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens

US-09-866-108-6402

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3058 AGATCAAGCTGCAG 3071
Db 4 AGATCAAGCTGCAG 17

RESULT 1735
US-09-866-108-6406
Sequence 6406, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: A60MICA-7
CURRENT FILING DATE: 2001-05-25
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: A60MICA Sequence Listing Engine
SEQ ID NO 6406
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens

US-09-866-108-6406

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3059 GATCAAGCTGCAG 3072
Db 1 GATCAAGCTGCAG 14

RESULT 1736
US-10-213-878-2/c
; Sequence 2, Application US/10213878
; Publication No. US20030073206A1
; GENERAL INFORMATION:
; APPLICANT: Bramucci, Michael
; APPLICANT: Nagarsajan, Vasanth
; APPLICANT: Thomas, Stuart
; TITLE OF INVENTION: Use of Xylene Monooxygenase for the Oxidation of Substituted
; FILE REFERENCE: C11662 US NA
; CURRENT APPLICATION NUMBER: US/10/213,878
; CURRENT FILING DATE: 2002-08-07
; PRIOR APPLICATION NUMBER: 60/311,490
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: primer
US-10-213-878-2

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4219 TCTGTGTGCCCC 4232
DB 15 TCTGTGTGCCCC 2

RESULT 1737
US-10-214-059-2/c
; Sequence 2, Application US/10214059
; Publication No. US2003007768A1
; GENERAL INFORMATION:
; APPLICANT: Bramucci, Michael
; APPLICANT: Nagarsajan, Vasanth
; APPLICANT: Thomas, Stuart
; TITLE OF INVENTION: Use of Xylene Monooxygenase for the Oxidation of Substituted
; FILE REFERENCE: C11663 US NA
; CURRENT APPLICATION NUMBER: US/10/214,059
; CURRENT FILING DATE: 2002-08-07
; PRIOR APPLICATION NUMBER: 60/311,486
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: primer
US-10-214-059-2

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4219 TCTGTGTGCCCC 4232
DB 15 TCTGTGTGCCCC 2

RESULT 1738
US-10-156-306-4971/c

; Sequence 4971, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4971
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-4971

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4043 GCCCAGGAGGCTC 4056
DB 17 GCCCAGGAGGCTC 4

RESULT 1739
US-10-156-306-5901/c
; Sequence 5901, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5901
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5901

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4042 GCCCAGGAGGCTC 4055
DB 14 GCCCAGGAGGCTC 1

RESULT 1740
US-10-297-068-1058/c
; Sequence 1058, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 13140P1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01

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; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1058
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:capture
US-10-297-068-1058

Query Match      0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1378 CGCACCGGCGCTCC 1391
Db      14 CGCACCGGCGCTCC 1

RESULT 1741
US-10-398-877-86
; Sequence 86, Application US/10398877
; Publication No. US20040058351A1
; GENERAL INFORMATION:
; APPLICANT: Sugita, Yuji
; APPLICANT: Hashida, Ryoschi
; APPLICANT: Ogawa, Kaoru
; APPLICANT: Nagasu, Takeshi
; APPLICANT: Obayashi, Maaya
; APPLICANT: Saito, Hirohisa
; TITLE OF INVENTION: Method of Testing for Allergic Diseases
; FILE REFERENCE: SHIMIZU-07906
; CURRENT APPLICATION NUMBER: US/10/398,877
; PRIOR FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: PCT/JP01/08574
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: JP 2000-314093
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 86
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-398-877-86

Query Match      0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3695 CACCAAGCCGAG 3708
Db      3 CACCAAGCCGAG 16

RESULT 1742
US-10-138-674-894
; Sequence 894, Application US/10138674
; Publication No. US2004007565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEH800-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
```

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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 894
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-894

Query Match      0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 8.1e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      363 CAGGAGTCACTCA 376
Db      1 CAGGAGTCACTCA 14

RESULT 1743
US-10-676-154-348/C
; Sequence 348, Application US/10676154
; Publication No. US20040081996A1
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charast
; TITLE OF INVENTION: Methods and Products Related to
; FILE REFERENCE: W056/7045(HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/676,154
; CURRENT FILING DATE: 2003-09-29
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 348
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-676-154-348

Query Match      0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2895 TACTGTAGACCA 2908
Db      15 TACTGTAGACCA 2

RESULT 1744
US-10-287-949A-894
; Sequence 894, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MEH800-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 894
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-894
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```
Query Match      0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 8.1e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      363 CAGCAAGCTGCTCA 376
      |||||:|||||:
DB      1 CAGCAAGCTGCTCA 14

RESULT 1745
US-10-723-361-6402
; Sequence 6402, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6402
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-6402

Query Match      0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3058 AGATCAAGCTGCAG 3071
      |||||:|||||:
DB      4 AGATCAAGCTGCAG 17

RESULT 1746
US-10-723-361-6406
; Sequence 6406, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6406
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-6406

Query Match      0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3059 GATCAAGCTGCAGA 3072
      |||||:|||||:
DB      1 GATCAAGCTGCAGA 14

RESULT 1747
US-09-067-638B-22/c
; Sequence 22, Application US/09067638B
; Patent No. US20020028923A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseert
; APPLICANT: Brenda F. Baker
; APPLICANT: John McNeil
; APPLICANT: Susan M. Freiler
; APPLICANT: Henri M. Sasnor
; APPLICANT: Douglas G. Brooks
; APPLICANT: Cara Ohashi
; APPLICANT: Jacqueline R. Wyatt
; APPLICANT: Alexander Borchers
; APPLICANT: Timothy A. Vickers
; TITLE OF INVENTION: Identification of Genetic
; TITLE OF INVENTION: Targets for Modulation By Oligonucleotides and
; TITLE OF INVENTION: Generation of Oligonucleotides for Gene
; TITLE OF INVENTION: Modulation
; NUMBER OF SEQUENCES: 112
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: WOODCOCK WASHBURN KURTZ
; ADDRESSEE: MACKIEWICZ & NORRIS LLP
; STREET: 1 LIBERTY PLACE 46TH FLOOR
; CITY: PHILADELPHIA
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
```


COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
COMPUTER: IBM
OPERATING SYSTEM: PC-Windows NT
SOFTWARE: WORD PERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/067,638B
FILING DATE: 28-APR-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/081,483
FILING DATE: 13-APR-1998
ATTORNEY/AGENT INFORMATION:
NAME: John W. Caldwell
REGISTRATION NUMBER: 28,937
REFERENCE/DOCKET NUMBER: 1SIS-2960
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-067-638B-22

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4230 CACAGAGTTCACGTG 4243
DB 14 CACAGAGTTCACGTG 1

RESULT 1748
US-09-985-335-23
Sequence 23, Application US/09985335
Publication No. US20020164794A1
GENERAL INFORMATION:
APPLICANT: Werner, Peter
TITLE OF INVENTION: HUMAN CORD BLOOD DERIVED UNRESTRICTED SOMATIC STEM CELLS (USSC)
FILE REFERENCE: P66065U1
CURRENT APPLICATION NUMBER: US/09/985,335
CURRENT FILING DATE: 2001-11-02
PRIOR APPLICATION NUMBER: U.S. 60/245,168
PRIOR FILING DATE: 2000-11-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.2
SEQ ID NO 23
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: primer sequence
US-09-985-335-23

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 152 CTGCCACTGCACAC 165
DB 2 CTGCCACTGCACAC 15

RESULT 1749
US-10-116-325-22/c
Sequence 22, Application US/10116325
Publication No. US20030113739A1
GENERAL INFORMATION:
APPLICANT: Cowseert, Lex M.

APPLICANT: Baker, Brenda F.
APPLICANT: McNeil, John
APPLICANT: Freier, Susan M.
APPLICANT: Saemor, Henri M.
APPLICANT: Brooks, Douglas G.
APPLICANT: Ohashi, Cara
APPLICANT: Wyatt, Jacqueline R.
APPLICANT: Borchers, Alexander
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: Identification Of Genetic Targets For Modulation By Oligonucleotides
FILE REFERENCE: 1SIS5026
CURRENT APPLICATION NUMBER: US/10/116,325
CURRENT FILING DATE: 2002-04-04
PRIOR APPLICATION NUMBER: 09/067,638
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/081,483
PRIOR FILING DATE: 1998-04-13
NUMBER OF SEQ ID NOS: 112
SOFTWARE: PatentIn version 3.1
SEQ ID NO 22
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: No. US20030113739A1 Sequence
US-10-116-325-22

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4230 CACAGAGTTCACGTG 4243
DB 14 CACAGAGTTCACGTG 1

RESULT 1750
US-10-388-263-22/c
Sequence 22, Application US/10388263
Publication No. US20030228597A1
GENERAL INFORMATION:
APPLICANT: Cowseert, Lex M.
APPLICANT: Baker, Brenda F.
APPLICANT: McNeil, John
APPLICANT: Freier, Susan M.
APPLICANT: Saemor, Henri M.
APPLICANT: Brooks, Douglas G.
APPLICANT: Ohashi, Cara
APPLICANT: Wyatt, Jacqueline R.
APPLICANT: Borchers, Alexander
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR MODULATION BY OLIGONUCLEOTIDES AND TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES FOR GENE MODULATION
FILE REFERENCE: 1SIS-4503
CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 22
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-22

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4230 CACAGAGTTCACGTG 4243

Db 14 CACAGAGTCACTG 1

```

RESULT 1751
US-10-349-143-5578/c
/ Sequence 5578, Application US/10349143
/ Publication No. US20040005584A1
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Ballelic markers for use in constructing a high density.....
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/10/349,143
/ CURRENT FILING DATE: 2003-01-21
/ PRIOR APPLICATION NUMBER: US/09/422,978
/ PRIOR FILING DATE: 1999-10-20
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
/ PRIOR FILING DATE: 1999-04-21
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 5578
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..18
/ OTHER INFORMATION: upstream amplification primer 99-5379 for SEQ 1644,
US-10-349-143-5578

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Query Match	0.3%	Score 14	DB 1	Length 18
Best Local Similarity	100.0%	Pred. No.	8.8e+02	
Matches 14	Conservative 0	Mismatches 0	Indels 0	Gaps 0

QY	4787	CAGTTC	TTGGTTG	4800
Db	15	CAGTTC	TTGGTTG	2

```

RESULT 1752
US-10-698-689-22/C
; Sequence 22, Application US/10698689
; Publication NO. US20040186071A1
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Cowsett, Rex M.
APPLICANT: Malik, Leila
APPLICANT: Slukowski, Andrew
APPLICANT: Eldrup, Anne B.
TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 EXPRESSION
FILE REFERENCE: ISIS-5315
CURRENT APPLICATION NUMBER: US/10/698,689
CURRENT FILING DATE: 2003-10-31
PRIORITY APPLICATION NUMBER: PCT/US03/31166
PRIORITY FILING DATE: 2003-09-30
PRIORITY APPLICATION NUMBER: US 10/261,382
PRIORITY FILING DATE: 2002-09-30
PRIORITY APPLICATION NUMBER: US 09/067,638
PRIORITY FILING DATE: 1998-04-28
PRIORITY APPLICATION NUMBER: US 60/081,483
PRIORITY FILING DATE: 1998-04-13
NUMBER OF SEQ ID NOS: 248
SOFTWARE: PatentIn version 3.2
SEQ ID NO 22
;
; LENGTH: 18
;
; TYPE: DNA
;
; ORGANISM: Artificial Sequence
FEATURE:

```

OTHER INFORMATION: Synthetic Construct
US-10-698-689-22

Query Match	0.3%;	Score 14;	DB 1;	Length 18;
Best Local Similarity	100.0%;	Pred. No. 8.8e+02;		
Matches 14;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY 4230 CACAGAGTTCAC TG 4243
|||
Db 14 CACAGAGTTCAC TG 1

```

RESULT 1753
US-10-698-689-186
/ Sequence 186, Application US/10698689
/ Publication No. US2004018607A1
/ GENERAL INFORMATION:
/ APPLICANT: Bennett, C. Frank
/ APPLICANT: Cowsett, Lex M.
/ APPLICANT: Malik, Leila
/ APPLICANT: Slwkowski, Andrew
/ APPLICANT: Eldrup, Anne B.
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 EXPRESSION
/ FILE REFERENCE: 1S1S-5315
/ CURRENT APPLICATION NUMBER: US/10/698,689
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/31166
/ PRIOR FILING DATE: 2003-09-30
/ PRIOR APPLICATION NUMBER: US 10/261,382
/ PRIOR FILING DATE: 2002-09-30
/ PRIOR APPLICATION NUMBER: US 09/067,638
/ PRIOR FILING DATE: 1998-04-28
/ PRIOR APPLICATION NUMBER: US 60/081,483
/ PRIOR FILING DATE: 1998-04-13
/ NUMBER OF SEQ ID NOS: 248
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 186
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Construct
US-10-698-689-186

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Query Match	0.3%;	Score 14;	DB 1;	Length 18;
Best Local Similarity	100.0%;	Pred. No. 8.8e+02;		
Matches 14;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY 4230 CACAGAGTTCAC TG 4243
|||||
Db 5 CACAGAGTTCAC TG 18

RESULT 1754
 US-10-830-475-22/C
 ; Sequence 22, Application US/10830475
 ; Publication No. US20040197814A1
 ; GENERAL INFORMATION:
 ;
 ; APPLICANT: Lex M. Cowsett
 ; Brenda F. Baker
 ; John McNeil
 ; Susan M. Freier
 ; Henri M. Sasmor
 ; Douglas G. Brooks
 ; Cara Ohashi
 ; Jacqueline R. Wyatt
 ; Alexander Borchers
 ; Timothy A. Vickers
 ;
 ; TITLE OF INVENTION: Identification of Genetic
 ; Targets for Modulation By Oligonucleotides and
 ; Generation of Oligonucleotides for Gene
 ; Modulation
 ;
 ; NUMBER OF SEQUENCES: 112

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: WOODCOCK WASHBURN KURTZ
;; STREET: 1 LIBERTY PLACE 46TH FLOOR
;; CITY: PHILADELPHIA
;; STATE: PA
;; COUNTRY: USA
;; ZIP: 19103
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
;; COMPUTER: IBM
;; OPERATING SYSTEM: PC-Windows NT
;; SOFTWARE: WORD PERFECT 6.1
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/10/030,475
;; FILING DATE: 21-Apr-2004
;; CLASSIFICATION: 435
;;
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/09/067,638B
;; FILING DATE: 28-Apr-1998
;; APPLICATION NUMBER: 60/081,483
;; FILING DATE: 13-Apr-1998
;;
;; ATTORNEY/AGENT INFORMATION:
;; NAME: John W. Caldwell
;; REGISTRATION NUMBER: 28,937
;; REFERENCE/DOCKET NUMBER: ISIS-2960
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (215) 568-3100
;; TELEFAX: (215) 568-3439
;;
;; INFORMATION FOR SEQ ID NO: 22:
;;
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;;
;; SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-10-830-475-22
;
Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
Qy 4230 CACAGAGTCTACTG 4243
Db 14 CACAGAGTCTACTG 1
;
RESULT 1755
US-10-086-181-10
; Sequence 10, Application US/10086181
; Publication No. US20020177151A1
; GENERAL INFORMATION:
; APPLICANT: GIMENO, Ruth
; TITLE OF INVENTION: METHODS FOR THE TREATMENT OF METABOLIC
; TITLE OF INVENTION: DISORDERS, INCLUDING OBESITY AND DIABETES
; FILE REFERENCE: WMI-220
; CURRENT APPLICATION NUMBER: US/10/086,181
; CURRENT FILING DATE: 2002-02-26
; PRIOR APPLICATION NUMBER: 60/271,655
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-086-181-10
;
Query Match 0.3%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 9.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
Qy 2295 ACCTGGAGGAGGAGA 2308

Db 1 ACCTGGAGGAGGAGA 14
;
RESULT 1756
US-10-435-696-217/c
; Sequence 217, Application US/10435696
; Publication No. US20040018525A1
; GENERAL INFORMATION:
; APPLICANT: Wirtz, Ralph
; APPLICANT: Munnes, Marc
; APPLICANT: Kallabis, Harald
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
; TITLE OF INVENTION: PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA
; FILE REFERENCE: Lea 36 108
; CURRENT APPLICATION NUMBER: US/10/435,696
; CURRENT FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: EP03003112.4
; PRIOR FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: EP02010291.9
; PRIOR FILING DATE: 2002-05-21
; NUMBER OF SEQ ID NOS: 314
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 217
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: LOC51242 for
US-10-435-696-217
;
Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
Qy 825 GAAGAGGACACAGG 838
Db 20 GAAGAGGACACAGG 7
;
RESULT 1757
US-09-774-809-36
; Sequence 36, Application US/09774809
; Publication No. US20030004120A1
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
; FILE REFERENCE: ISPH-0412
; CURRENT APPLICATION NUMBER: US/09/774,809
; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-774-809-36
;
Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1680 TGAGAGGAGTGGC 1893
DB 1 TGAGAGGAGTGGC 14

RESULT 1758
US-09-863-049A-13
; Sequence 13, Application US/09863049A
; Publication No. US2003032055A1
; GENERAL INFORMATION:
; APPLICANT: Kenwright, Sue J.
; APPLICANT: Nelson, David L.
; APPLICANT: Aradhya, Swaroop
; APPLICANT: D'Urso, Michele
; APPLICANT: Wolfendin, Hayley
; APPLICANT: Munnich, Arnold
; APPLICANT: Smah, Aemae
; APPLICANT: Israel, Alain
; APPLICANT: Poustka, Annemarie
; APPLICANT: Lewis, Richard A
; APPLICANT: Levy, Moise
; APPLICANT: Heiss, Nina
; TITLE OF INVENTION: Diagnosis and Treatment of Medical Conditions Associated with Def
; TITLE OF INVENTION: NF-kappa B (NF-kB) Activation
; FILE REFERENCE: HO-P01961US1
; CURRENT APPLICATION NUMBER: US/09/863,049A
; PRIOR FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: US 60/206,223
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-863-049A-13

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1669 TCCTGCAGCAGATG 1682
DB 3 TCCTGCAGCAGATG 16

RESULT 1759
US-09-915-814-149/c
; Sequence 149, Application US/09915814
; Publication No. US20030096771A1
; GENERAL INFORMATION:
; APPLICANT: Madeline M. Butler
; APPLICANT: Andrew T. Watt
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF HORMONE-SENSITIVE LIPASE EXPRESSION
; FILE REFERENCE: ISPH-0387
; CURRENT APPLICATION NUMBER: US/09/915,814
; CURRENT FILING DATE: 2001-07-26
; NUMBER OF SEQ ID NOS: 230
; SEQ ID NO 149
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-915-814-149

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3527 GGAGAGCTGCCGC 3540
DB 17 GGAGAGCTGCCGC 4

RESULT 1760
US-09-908-147-92
; Sequence 92, Application US/09908147
; Publication No. US20030144221A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0195
; CURRENT APPLICATION NUMBER: US/09/908,147
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-147-92

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3285 CCCCTGCAGCTGAA 3298
DB 4 CCCCTGCAGCTGAA 17

RESULT 1761
US-10-006-972A-14/c
; Sequence 14, Application US/10006972A
; Publication No. US20030139359A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE 3 EXPRESSION
; FILE REFERENCE: RTS-0335
; CURRENT APPLICATION NUMBER: US/10/006,972A
; CURRENT FILING DATE: 2001-12-04
; NUMBER OF SEQ ID NOS: 94
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-972A-14

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 913 CCAGCTCCTGTGAG 926
DB 20 CCAGCTCCTGTGAG 7

RESULT 1762
US-10-029-517-61/c
; Sequence 61, Application US/10029517
; Publication No. US20030148969A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan J. Myers
; TITLE OF INVENTION: ANTISENSE MODULATION OF MUCIN 1, TRANSMEMBRANE EXPRESSION
; FILE REFERENCE: RTS-0352
; CURRENT APPLICATION NUMBER: US/10/029,517
; CURRENT FILING DATE: 2001-12-20

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; NUMBER OF SEQ ID NOS: 107
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-029-517-61

Query Match      0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      384 TGGTGCGACGAGCC 397
Db      15 TGGTGCGACGAGCC 2

RESULT 1763
US-10-181-856-85/c
; Sequence 85, Application US/10181856
; Publication No. US20030212018A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Donna T. Ward
; APPLICANT: Susan M. Freiler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK2 EXPRESSION
; FILE REFERENCE: R2SP-0345
; CURRENT APPLICATION NUMBER: US/10/181,856
; PRIOR FILING DATE: 2002-07-18
; PRIOR APPLICATION NUMBER: PCT/US01/01361
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: 09/488,744
; PRIOR FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-856-85

Query Match      0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      4426 TTATTAATTAATTAAT 4439
Db      16 TTATTAATTAATTAAT 3

RESULT 1764
US-10-349-143-11201/c
; Sequence 11201, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Il'ya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
```

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; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11201
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-3373 for SEQ 3336, in complem
US-10-349-143-11201

Query Match      0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      4562 CACCAAGTTTAAAC 4575
Db      20 CACCAAGTTTAAAC 7

RESULT 1765
US-10-289-762-6546/c
; Sequence 6546, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; PRIOR FILING DATE: 2003-03-27
; PRIOR APPLICATION NUMBER: 09/488,744
; PRIOR FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6546
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6546

Query Match      0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      1671 CTGCAGCAGATGAA 1684
Db      16 CTGCAGCAGATGAA 3

RESULT 1766
US-10-289-762-6743/c
; Sequence 6743, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; PRIOR FILING DATE: 2003-03-27
; PRIOR APPLICATION NUMBER: 09/488,744
; PRIOR FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6743
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6743

Query Match      0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      562 AGCGCTTTCGAG 575
```

Db 14 AGCTGCTTTCAGG 1

RESULT 1767
US-10-352-179-31/c
; Sequence 31, Application US/10352179
; Publication No. US20040006788A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Guo-Liang
; APPLICANT: Liu, Guifu
; TITLE OF INVENTION: Procedures and Materials for Conferring Disease Resistance in Pld
; FILE REFERENCE: 22727/04108
; CURRENT APPLICATION NUMBER: US/10/352,179
; CURRENT FILING DATE: 2003-01-27
; PRIOR APPLICATION NUMBER: 60/352,106
; PRIOR FILING DATE: 2002-01-25
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Oryza minuta
US-10-352-179-31

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 767 TTACAAGAGGAAA 780
Db 14 TTACAAGAGGAAA 1

RESULT 1768
US-10-345-444B-36
; Sequence 36, Application US/10345444B
; Publication No. US20040029823A1
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS FOR THE MODULA
; TITLE OF INVENTION: OF JNK PROTEINS
; FILE REFERENCE: ISPH-0726
; CURRENT APPLICATION NUMBER: US/10/345,444B
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/774,809
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: US 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: US 09/287,796
; PRIOR FILING DATE: 1999-04-07
; PRIOR APPLICATION NUMBER: US 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: US 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-345-444B-36

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1880 TGAGAGGAGTGGC 1893

Db 1 TGAGAGGAGTGGC 14

RESULT 1769
US-10-273-826-79
; Sequence 79, Application US/10273826
; Publication No. US20040077083A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 4 EXPRESSION
; FILE REFERENCE: RTS-0161
; CURRENT APPLICATION NUMBER: US/10/273,826
; CURRENT FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-273-826-79

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 923 TGAGGCCAAGAGG 936
Db 2 TGAGGCCAAGAGG 15

RESULT 1770
US-10-274-347-79
; Sequence 79, Application US/10274347
; Publication No. US20040077084A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; APPLICANT: Steven Davidson
; APPLICANT: Junling Li
; APPLICANT: Keith Glaser
; TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 4 EXPRESSION
; FILE REFERENCE: RTS-0264
; CURRENT APPLICATION NUMBER: US/10/274,347
; CURRENT FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-274-347-79

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 923 TGAGGCCAAGAGG 936
Db 2 TGAGGCCAAGAGG 15

RESULT 1771
US-10-728-509-92
; Sequence 92, Application US/10728509
; Publication No. US20040077583A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/10/728,509

CURRENT FILING DATE: 2003-12-05
PRIOR APPLICATION NUMBER: US/09/908,147
PRIOR FILING DATE: 2001-07-17
NUMBER OF SEQ ID NOS: 168
SEQ ID NO 92
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-728-509-92

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3285 CCCCTGCACGTGAA 3298
Db 4 CCCCTGCACGTGAA 17

RESULT 1772
US-10-315-765-42
Sequence 42, Application US/10315765
Publication No. US20040110140A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF CDK9 EXPRESSION
FILE REFERENCE: PTS-0020
CURRENT APPLICATION NUMBER: US/10/315,765
CURRENT FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 128
SEQ ID NO 42
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-315-765-42

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4611 CCAGTGCCTCTCTG 4624
Db 7 CCAGTGCCTCTCTG 20

RESULT 1773
US-10-315-765-102/C
Sequence 102, Application US/10315765
Publication No. US20040110140A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF CDK9 EXPRESSION
FILE REFERENCE: PTS-0020
CURRENT APPLICATION NUMBER: US/10/315,765
CURRENT FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 128
SEQ ID NO 102
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-315-765-102

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4611 CCAGTGCCTCTCTG 4624
Db 14 CCAGTGCCTCTCTG 1

RESULT 1774
US-10-317-500-123/C
Sequence 123, Application US/10317500
Publication No. US20040115637A1
GENERAL INFORMATION:
APPLICANT: Robert McKay
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF PPAR-ALPHA EXPRESSION
FILE REFERENCE: RTS-0380
CURRENT APPLICATION NUMBER: US/10/317,500
CURRENT FILING DATE: 2002-12-11
NUMBER OF SEQ ID NOS: 276
SEQ ID NO 123
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-500-123

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1339 ACAAGTCAAGGCC 1352
Db 18 ACAAGTCAAGGCC 5

RESULT 1775
US-10-317-500-239
Sequence 239, Application US/10317500
Publication No. US20040115637A1
GENERAL INFORMATION:
APPLICANT: Robert McKay
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF PPAR-ALPHA EXPRESSION
FILE REFERENCE: RTS-0380
CURRENT APPLICATION NUMBER: US/10/317,500
CURRENT FILING DATE: 2002-12-11
NUMBER OF SEQ ID NOS: 276
SEQ ID NO 239
LENGTH: 20
TYPE: DNA
ORGANISM: M. musculus
FEATURE:
US-10-317-500-239

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1339 ACAAGTCAAGGCC 1352
Db 3 ACAAGTCAAGGCC 16

RESULT 1776
US-10-656-269-47
Sequence 47, Application US/10656269
Publication No. US20040152105A1
GENERAL INFORMATION:
APPLICANT: Bachmann, Martin
APPLICANT: Vogt, Lorenz
TITLE OF INVENTION: Immune Modulatory Compounds and Methods
FILE REFERENCE: 1700.0390002

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; CURRENT APPLICATION NUMBER: US/10/656,269
; CURRENT FILING DATE: 2003-09-08
; PRIOR APPLICATION NUMBER: 60/408,233
; PRIOR FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: 60/449,583
; PRIOR FILING DATE: 2003-02-26
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: B76-1 oligonucleotide
US-10-656-269-47

Query Match          0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4269 GAGGCTGGAAGAA 4282
Db      3 GAGGCTGGAAGAA 16
|||||
RESULT 1777
US-10-641-455A-225
; Sequence 225, Application US/10641455A
; Publication No. US2004017156A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; APPLICANT: Popoff, Ian
; APPLICANT: Wong, Mai Shu Fred
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
; TITLE OF INVENTION: Activated Protein Kinase Expression
; FILE REFERENCE: ISPH-0762
; CURRENT APPLICATION NUMBER: US/10/641,455A
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 10/238,442
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 09/640,101
; PRIOR FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: US 09/286,904
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 266
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 225
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-641-455A-225

Query Match          0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1032 GGGCTTCAGAGA 1045
Db      4 GGGCTTCAGAGA 17
|||||
RESULT 1778
US-09-782-837-42/C
; Sequence 42, Application US/09782837
; Patent No. US2002127714A1
; GENERAL INFORMATION:
; APPLICANT: HOUSMAN, DAVID E.
; APPLICANT: LEDLEY, FRED D.
```

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; APPLICANT: STANTON, VINCENT P., JR.
; TITLE OF INVENTION: INHIBITORS OF ALTERNATIVE ALLELES OF GENES ENCODING
; TITLE OF INVENTION: PRODUCTS THAT MEDIATE CELL RESPONSE TO ENVIRONMENTAL
; TITLE OF INVENTION: CHANGES
; FILE REFERENCE: 233/055
; CURRENT APPLICATION NUMBER: US/09/782,837
; CURRENT FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: 09/045,054
; PRIOR FILING DATE: 1998-03-19
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 42
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: The letter "y" stands for c or t.
US-09-782-837-42

Query Match          0.3%; Score 14; DB 1; Length 21;
Best Local Similarity 87.5%; Pred. No. 1.1e+03;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      3720 GCGGAGGCGCCGCA 3735
Db      17 GCGGAGRGCCGCA 2
|||||
RESULT 1779
US-09-961-700A-10/C
; Sequence 10, Application US/09961700A
; Publication No. US20020187482A1
; GENERAL INFORMATION:
; APPLICANT: Liang, Zilai
; APPLICANT: Zhang, Hong-Yan
; APPLICANT: Wahlestedt, Claes
; TITLE OF INVENTION: Methods and Means of RNA Analysis
; FILE REFERENCE: 13522-003001
; CURRENT APPLICATION NUMBER: US/09/961,700A
; CURRENT FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: 60/235,029
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated oligonucleotide
US-09-961-700A-10

Query Match          0.3%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4644 CCTTAAGAGCTGA 4657
Db      17 CCTTAAGAGCTGA 4
|||||
RESULT 1780
US-10-258-423-16
; Sequence 16, Application US/10258423
; Publication No. US20030211968A1
; GENERAL INFORMATION:
; APPLICANT: Merck & Co., Inc.
; APPLICANT: University of Virginia
; TITLE OF INVENTION: NEW NEUROMEDIN U RECEPTOR NMUR2 AND
; TITLE OF INVENTION: NUCLEOTIDES ENCODING IT
; FILE REFERENCE: 20658P
; CURRENT APPLICATION NUMBER: US/10/258,423
; CURRENT FILING DATE: 2002-10-24
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PRIOR APPLICATION NUMBER: 60/200,718
PRIOR FILING DATE: 2000-04-27
NUMBER OF SEQ ID NOS: 19
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 16
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR probe
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(21)
OTHER INFORMATION: n = A,T,C or G
US-10-258-423-16

Query Match: 0.3%; Score 14; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 1.1e+03;
Matches 14; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 4266 GCTAGCGCTGGAGAAAAC 4285
DB 1 GCTAGGATNGANGCRAAC 20

RESULT 1781
US-10-301-477A-9
Sequence 9, Application US/10301477A
Publication No. US20040005581A1
GENERAL INFORMATION:
APPLICANT: Bonner, Timothy P.
TITLE OF INVENTION: HUMAN VANILLOID RECEPTOR PROTEIN AND
TITLE OF INVENTION: POLYNUCLEOTIDE SEQUENCE ENCODING SAME
FILE REFERENCE: 11562
CURRENT APPLICATION NUMBER: US/10/301,477A
CURRENT FILING DATE: 2002-11-21
PRIOR APPLICATION NUMBER: GB 0126161.7
PRIOR FILING DATE: 2001-11-23
NUMBER OF SEQ ID NOS: 31
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 9
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer
US-10-301-477A-9

Query Match: 0.3%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2309 GCACATCTCATCA 2922
DB 3 GCACATCTCATCA 16

RESULT 1782
US-10-349-143-10682/C
Sequence 14, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 10682
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-19155 for SEQ 2817, in comple
US-10-349-143-10682

Query Match: 0.3%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2374 CAGAGAGGAGGAG 2387
DB 21 CAGAGAGGAGGAG 8

RESULT 1783
US-10-648-593-435/C
Sequence 435, Application US/10648593
Publication No. US20040106132A1
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: IDENTIFICATION OF GENES FOR PREDICTING ACTIVITY OF COMPOUNDS, THA
TITLE OF INVENTION: INTERACT WITH AND/OR MODULATE PROTEIN TYROSINE KINASES AND/OR
TITLE OF INVENTION: PROTEIN TYROSINE KINASE PATHWAYS IN BREAST CELLS
FILE REFERENCE: D0273 NP
CURRENT APPLICATION NUMBER: US/10/648,593
CURRENT FILING DATE: 2003-08-26
PRIOR APPLICATION NUMBER: 60/406,385
PRIOR FILING DATE: 2002-08-27
NUMBER OF SEQ ID NOS: 557
SOFTWARE: PatentIn version 3.2
SEQ ID NO 435
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-648-593-435

Query Match: 0.3%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2647 CTTCCAGTTTGT 2660
DB 17 CTTCCAGTTTGT 4

RESULT 1784
US-10-735-577-14/C
Sequence 14, Application US/10735577
Publication No. US20040142897A1
GENERAL INFORMATION:
APPLICANT: Waisman, David M.
TITLE OF INVENTION: Compositions and Methods for Inhibiting Tumor Growth and Metasta
FILE REFERENCE: ME03-009
CURRENT APPLICATION NUMBER: US/10/735,577
CURRENT FILING DATE: 2003-12-12
PRIOR APPLICATION NUMBER: US 60/433,140
PRIOR FILING DATE: 2002-12-13
NUMBER OF SEQ ID NOS: 160
SOFTWARE: Microsoft Word
SEQ ID NO 14
LENGTH: 21
TYPE: DNA

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; ORGANISM: mammalian
US-10-735-577-14

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 21;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1029 AGTGGGCTTCAG 1042
DB 20 AGTGGGCTTCAG 7

RESULT 1785
US-10-735-577-15/c
; Sequence 15, Application US/10735577
; Publication No. US20040142897A1
; GENERAL INFORMATION:
; APPLICANT: Malsman, David M.
; TITLE OF INVENTION: Compositions and Methods for Inhibiting Tumor Growth and Metastasis
; FILE REFERENCE: ME03-009
; CURRENT APPLICATION NUMBER: US/10/735,577
; CURRENT FILING DATE: 2003-12-12
; PRIOR APPLICATION NUMBER: US 60/433,140
; PRIOR FILING DATE: 2002-12-13
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: Microsoft Word
; SEQ ID NO 15
; LENGTH: 21
; TYPE: DNA
; ORGANISM: mammalian
US-10-735-577-15

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 21;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1029 AGTGGGCTTCAG 1042
DB 20 AGTGGGCTTCAG 7

RESULT 1786
US-10-786-720-4550
; Sequence 4550, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101311)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4550
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-4550

Query Match
Best Local Similarity 0.3%; Score 14; DB 1; Length 21;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 987 CTCCTCGAGACAT 1000
DB 8 CTCCTCGAGACAT 21

RESULT 1787
US-09-910-183A-36
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; Sequence 36, Application US/09910183A
; Publication No. US20030175701A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths R. A. L.
; TITLE OF INVENTION: Improvements in and relating to forensic
; identification
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; STREET: C/O The Forensic Science Service, Priory
; House, Gooch Str.
; CITY: Birmingham
; STATE: W. Midlands
; COUNTRY: United Kingdom
; ZIP: B5 60Q
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/910,183A
; FILING DATE: 20-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/107,029
; FILING DATE: <Unknown>
; APPLICATION NUMBER: GB 9713597.4
; FILING DATE: 28-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Gill P.
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 32 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; ORGANELL: Mitochondrion
; SEQUENCE DESCRIPTION: SEQ ID NO: 36:
US-09-910-183A-36

Query Match
Best Local Similarity 0.3%; Score 14; DB 1; Length 32;
Matches 20; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2794 AGAGTCAGAGAGAAATGAAGAGAA 2823
DB 3 AAGAGAGAGAGAGAGAGAGAGAGAA 32

RESULT 1788
US-10-349-143-8508
; Sequence 8508, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
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PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 8508
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-16003 for SEQ 643, in compleme
US-10-349-143-8508

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1e+03; Mismatches 2; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1196 ATCCCTGAGTCTCTGC 1212
Db 2 ATCCCATGAGTCTCTGC 18

RESULT 1789
US-09-825-574-8/C
Sequence 8, Application US/09825574
Patent No. US20020119454A1
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/934,097
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Macknight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-825-574-8

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.1e+03; Mismatches 2; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 806 ATACCCGTGCGCGCTG 822
Db 20 ATACCTTGCGCGCGCTG 4

RESULT 1790
US-09-882-945A-8/C
Sequence 8, Application US/09882945A
Publication No. US20030143535A1
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor
APPLICANT: Allawi, Hatim
APPLICANT: Dong, Fang
APPLICANT: Neri, Bruce
APPLICANT: Vener, Tatiana
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
FILE REFERENCE: FORS-04586
CURRENT APPLICATION NUMBER: US/09/882,945A
CURRENT FILING DATE: 2001-06-15
NUMBER OF SEQ ID NOS: 334
SOFTWARE: Patentin version 3.0
SEQ ID NO 8
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-882-945A-8

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.1e+03; Mismatches 2; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 806 ATACCCGTGCGCGCTG 822
Db 20 ATACCTTGCGCGCGCTG 4

Search completed: October 28, 2004, 10:44:44
Job time : 119 secs

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OM nucleic - nucleic search, using sw model

Run on: October 28, 2004, 10:48:09 : Search time 17 Seconds
(without alignments)
3.702 Million cell updates/sec

Title: us-10-003-919-3

Perfect score: 5273

Sequence: 1 ctagggcagcgcgcgcacg.....aattgctctcttaaaaa 5273

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 0.5

Searched: 244 seqs, 5968 residues

Total number of hits satisfying chosen parameters: 488

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Listing first 282 summaries

Database: rscdb:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	29.8	0.6	41	1	ACCESSION: A2424284
2	29.6	0.6	40	1	ACCESSION: A2328467
3	29.2	0.6	44	1	ACCESSION: BJ001599
4	29	0.5	38	1	ACCESSION: CL519798
5	28.6	0.5	38	1	ACCESSION: A2479185
6	28.4	0.5	38	1	ACCESSION: A233216
7	28.2	0.5	36	1	ACCESSION: AJ802263
8	28.2	0.5	42	1	ACCESSION: AV957667
9	27.6	0.5	40	1	ACCESSION: AV833442
10	27.6	0.5	42	1	ACCESSION: T54684
11	27.2	0.5	32	1	ACCESSION: A2329877
12	27.2	0.5	32	1	ACCESSION: A2515185
13	27.2	0.5	40	1	ACCESSION: A1073810
14	27.2	0.5	40	1	ACCESSION: CL517723
15	27.2	0.5	41	1	ACCESSION: AV672637
16	26.8	0.5	39	1	ACCESSION: AV673727
17	26.8	0.5	41	1	ACCESSION: CF305984
18	26.4	0.5	37	1	ACCESSION: AV673465
19	26.4	0.5	37	1	ACCESSION: A2346663
20	26.4	0.5	37	1	ACCESSION: A2645311
21	26.4	0.5	38	1	ACCESSION: A2946744
22	26.4	0.5	39	1	ACCESSION: A2844480
23	26.4	0.5	39	1	ACCESSION: A2987023
24	26.4	0.5	39	1	ACCESSION: CF303617
25	26	0.5	34	1	ACCESSION: A2966687
26	26	0.5	36	1	ACCESSION: A2664037
27	26	0.5	39	1	ACCESSION: A265743
28	25.8	0.5	39	1	ACCESSION: A2846058
29	25.6	0.5	33	1	ACCESSION: A2606035
30	25.6	0.5	33	1	ACCESSION: A2759124
31	25.6	0.5	33	1	ACCESSION: A2869302
32	25.6	0.5	33	1	ACCESSION: A2876021
33	25.6	0.5	33	1	ACCESSION: A2964180

C	34	25.6	0.5	34	1	AV962438	ACCESSION: AV962438
C	35	25.6	0.5	36	1	AZ387862	ACCESSION: AZ387862
C	36	25.6	0.5	38	1	AZ871535	ACCESSION: AZ871535
C	37	25.2	0.5	31	1	AZ641732	ACCESSION: AZ641732
C	38	25.2	0.5	31	1	AZ869598	ACCESSION: AZ869598
C	39	25.2	0.5	32	1	AZ345558	ACCESSION: AZ345558
C	40	25.2	0.5	33	1	AZ839021	ACCESSION: AZ839021
C	41	25.2	0.5	38	1	CF930049	ACCESSION: CF930049
C	42	25	0.5	34	1	AT668112	ACCESSION: AT668112
C	43	24.8	0.5	29	1	AZ860136	ACCESSION: AZ860136
C	44	24.8	0.5	29	1	AZ455946	ACCESSION: AZ455946
C	45	24.8	0.5	35	1	BM047352	ACCESSION: BM047352
C	46	24.4	0.5	26	1	AZ771239	ACCESSION: AZ771239
C	47	24.4	0.5	27	1	AZ939813	ACCESSION: AZ939813
C	48	24.4	0.5	27	1	AZ632991	ACCESSION: AZ632991
C	49	24.4	0.5	28	1	AZ625849	ACCESSION: AZ625849
C	50	24.4	0.5	28	1	AZ943199	ACCESSION: AZ943199
C	51	24.4	0.5	30	1	AZ610578	ACCESSION: AZ610578
C	52	24.4	0.5	30	1	AZ636640	ACCESSION: AZ636640
C	53	24.2	0.5	29	1	AZ435824	ACCESSION: AZ435824
C	54	24	0.5	32	1	AZ804185	ACCESSION: AZ804185
C	55	24	0.5	32	1	AZ966348	ACCESSION: AZ966348
C	56	23.6	0.4	31	1	AZ772951	ACCESSION: AZ772951
C	57	23.4	0.4	25	1	AZ510124	ACCESSION: AZ510124
C	58	23.4	0.4	25	1	AZ664804	ACCESSION: AZ664804
C	59	23.4	0.4	26	1	AZ641486	ACCESSION: AZ641486
C	60	23.4	0.4	26	1	AZ666145	ACCESSION: AZ666145
C	61	23.4	0.4	27	1	AZ655531	ACCESSION: AZ655531
C	62	23.4	0.4	33	1	CF929943	ACCESSION: CF929943
C	63	23.2	0.4	29	1	AZ804183	ACCESSION: AZ804183
C	64	23	0.4	34	1	AZ662785	ACCESSION: AZ662785
C	65	22.8	0.4	35	1	AZ660079	ACCESSION: AZ660079
C	66	22.4	0.4	24	1	AZ345870	ACCESSION: AZ345870
C	67	22.4	0.4	24	1	AZ659095	ACCESSION: AZ659095
C	68	22	0.4	32	1	BO589412	ACCESSION: BO589412
C	69	21.8	0.4	32	1	AZ811393	ACCESSION: AZ811393
C	70	21.6	0.4	26	1	AZ579594	ACCESSION: AZ579594
C	71	21.6	0.4	29	1	AZ488382	ACCESSION: AZ488382
C	72	21.4	0.4	23	1	AZ822888	ACCESSION: AZ822888
C	73	21.4	0.4	26	1	AZ803946	ACCESSION: AZ803946
C	74	21.4	0.4	26	1	AZ813253	ACCESSION: AZ813253
C	75	21.2	0.4	27	1	AZ942002	ACCESSION: AZ942002
C	76	21.2	0.4	29	1	AZ391891	ACCESSION: AZ391891
C	77	21.2	0.4	31	1	AZ345561	ACCESSION: AZ345561
C	78	20.8	0.4	24	1	AZ836988	ACCESSION: AZ836988
C	79	20.4	0.4	22	1	AZ633751	ACCESSION: AZ633751
C	80	20.4	0.4	26	1	AZ342914	ACCESSION: AZ342914
C	81	19.8	0.4	23	1	AZ430288	ACCESSION: AZ430288
C	82	19.6	0.4	27	1	AZ776487	ACCESSION: AZ776487
C	83	19.4	0.4	21	1	AZ394897	ACCESSION: AZ394897
C	84	19.4	0.4	21	1	AZ889098	ACCESSION: AZ889098
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C	86	18.6	0.4	25	1	AZ389918	ACCESSION: AZ389918
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C	89	18.4	0.3	20	1	AZ770557	ACCESSION: AZ770557
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C	92	18.4	0.3	27	1	CD028815	ACCESSION: CD028815
C	93	18.4	0.3	27	1	AZ873739	ACCESSION: AZ873739
C	94	18	0.3	26	1	AZ416392	ACCESSION: AZ416392
C	95	17.6	0.3	25	1	CF291636	ACCESSION: CF291636
C	96	17.6	0.3	25	1	H93534	ACCESSION: H93534
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C 111	16.8	0.3	25	1	CD028814	ACCESSION:CD028814	C 184	13.6	0.3	44	1	BU001599	ACCESSION:BU001599
C 112	16.6	0.3	23	1	A2766246	ACCESSION:A2766246	C 185	13.4	0.3	18	1	BM395302	ACCESSION:BM395302
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C 121	15.6	0.3	22	1	CF309796	ACCESSION:CF309796	C 194	13.2	0.3	19	1	A1635491	ACCESSION:A1635491
C 122	15.6	0.3	23	1	AM245303	ACCESSION:AM245303	C 195	13.2	0.3	19	1	CF281784	ACCESSION:CF281784
C 123	15.6	0.3	23	1	BX558114	ACCESSION:BX558114	C 196	13.2	0.3	19	1	A2432757	ACCESSION:A2432757
C 124	15.6	0.3	23	1	CF920973	ACCESSION:CF920973	C 197	13.2	0.3	19	1	A2585367	ACCESSION:A2585367
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C 126	15.4	0.3	23	1	A2469557	ACCESSION:A2469557	C 199	13.2	0.3	19	1	A2771304	ACCESSION:A2771304
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C 129	15.2	0.3	22	1	AZ652627	ACCESSION:AZ652627	C 202	13.2	0.3	20	1	CL668627	ACCESSION:CL668627
C 130	15.2	0.3	22	1	AZ803482	ACCESSION:AZ803482	C 203	13.2	0.3	20	1	BF966452	ACCESSION:BF966452
C 131	15	0.3	18	1	BG668047	ACCESSION:BG668047	C 204	13.2	0.3	20	1	A2313204	ACCESSION:A2313204
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C 133	15	0.3	23	1	AZ440100	ACCESSION:AZ440100	C 206	13.2	0.3	20	1	A2436192	ACCESSION:A2436192
C 134	15	0.3	23	1	AZ760383	ACCESSION:AZ760383	C 207	13.2	0.3	20	1	A2475852	ACCESSION:A2475852
C 135	15	0.3	23	1	AZ763749	ACCESSION:AZ763749	C 208	13.2	0.3	20	1	A2595071	ACCESSION:A2595071
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C 137	14.8	0.3	22	1	AB094448	ACCESSION:AB094448	C 210	13.2	0.3	20	1	A2938721	ACCESSION:A2938721
C 138	14.8	0.3	22	1	AZ494388	ACCESSION:AZ494388	C 211	13.2	0.3	20	1	AJ593450	ACCESSION:AJ593450
C 139	14.6	0.3	22	1	AZ803482	ACCESSION:AZ803482	C 212	13.2	0.3	22	1	A2652627	ACCESSION:A2652627
C 140	14.6	0.3	22	1	A1157560	ACCESSION:A1157560	C 213	13.2	0.3	32	1	AZ87862	ACCESSION:AZ87862
C 141	14.6	0.3	22	1	A1679260	ACCESSION:A1679260	C 214	13.2	0.3	39	1	AV673727	ACCESSION:AV673727
C 142	14.6	0.3	30	1	AG203045	ACCESSION:AG203045	C 215	13	0.2	19	1	AZ45792	ACCESSION:AZ45792
C 143	14.6	0.3	22	1	AZ636640	ACCESSION:AZ636640	C 216	13	0.2	19	1	AJ587895	ACCESSION:AJ587895
C 144	14.6	0.3	34	1	AZ662785	ACCESSION:AZ662785	C 217	13	0.2	20	1	CF302285	ACCESSION:CF302285
C 145	14.6	0.3	38	1	CL519798	ACCESSION:CL519798	C 218	13	0.2	40	1	A1073810	ACCESSION:A1073810
C 146	14.6	0.3	38	1	AZ871535	ACCESSION:AZ871535	C 219	12.8	0.2	16	1	BO591682	ACCESSION:BO591682
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C 148	14.4	0.3	18	1	AJ595204	ACCESSION:AJ595204	C 221	12.8	0.2	18	1	CR555236	ACCESSION:CR555236
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C 150	14.4	0.3	20	1	AZ628022	ACCESSION:AZ628022	C 223	12.8	0.2	19	1	AA954509	ACCESSION:AA954509
C 151	14.2	0.3	19	1	AZ440413	ACCESSION:AZ440413	C 224	12.8	0.2	19	1	C00981	ACCESSION:C00981
C 152	14.2	0.3	19	1	AZ651177	ACCESSION:AZ651177	C 225	12.8	0.2	19	1	C0792214	ACCESSION:C0792214
C 153	14.2	0.3	19	1	AZ785573	ACCESSION:AZ785573	C 226	12.8	0.2	19	1	AZ207686	ACCESSION:AZ207686
C 154	14.2	0.3	19	1	AZ858730	ACCESSION:AZ858730	C 227	12.8	0.2	19	1	AZ761834	ACCESSION:AZ761834
C 155	14.2	0.3	20	1	CF317946	ACCESSION:CF317946	C 228	12.8	0.2	19	1	CL683526	ACCESSION:CL683526
C 156	14.2	0.3	20	1	AZ837816	ACCESSION:AZ837816	C 229	12.8	0.2	24	1	AZ805923	ACCESSION:AZ805923
C 157	14.2	0.3	20	1	AZ829601	ACCESSION:AZ829601	C 230	12.8	0.2	26	1	AZ2321269	ACCESSION:AZ2321269
C 158	14.2	0.3	20	1	AZ972315	ACCESSION:AZ972315	C 231	12.8	0.2	36	1	AJ802263	ACCESSION:AJ802263
C 159	14.2	0.3	20	1	CL668627	ACCESSION:CL668627	C 232	12.6	0.2	19	1	AA909236	ACCESSION:AA909236
C 160	14.2	0.3	21	1	BM148966	ACCESSION:BM148966	C 233	12.6	0.2	19	1	AI049374	ACCESSION:AI049374
C 161	14.2	0.3	21	1	AZ810272	ACCESSION:AZ810272	C 234	12.6	0.2	19	1	AI187072	ACCESSION:AI187072
C 162	14	0.3	21	1	AZ658074	ACCESSION:AZ658074	C 235	12.6	0.2	19	1	AI443363	ACCESSION:AI443363
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C 164	14	0.3	35	1	AU265709	ACCESSION:AU265709	C 237	12.6	0.2	19	1	BM96331	ACCESSION:BM96331
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C 168	13.8	0.3	20	1	AZ445379	ACCESSION:AZ445379	C 241	12.6	0.2	19	1	AZ245489	ACCESSION:AZ245489
C 169	13.8	0.3	20	1	AZ774829	ACCESSION:AZ774829	C 242	12.6	0.2	19	1	AZ2393054	ACCESSION:AZ2393054
C 170	13.8	0.3	20	1	BM000478	ACCESSION:BM000478	C 243	12.6	0.2	19	1	AZ406101	ACCESSION:AZ406101
C 171	13.8	0.3	20	1	TA339H11Q	ACCESSION:TA339H11Q	C 244	12.6	0.2	19	1	AZ476180	ACCESSION:AZ476180
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C 173	13.8	0.3	21	1	AZ371089	ACCESSION:AZ371089	C 246	12.6	0.2	19	1	AZ500608	ACCESSION:AZ500608
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C 177	13.6	0.3	20	1	C0577545	ACCESSION:C0577545	C 250	12.6	0.2	19	1	AZ782384	ACCESSION:AZ782384
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C 179	13.6	0.3	20	1	AZ447706	ACCESSION:AZ447706	C 252	12.6	0.2	19	1	AZ809734	ACCESSION:AZ809734

Db	RESULT 6
	AZ333216
	LOCUS
	DEFINITION
	ACCESSION
	VERSION
	KEYWORDS
	SOURCE
4	<p> AZ333216 38 bp DNA linear GSS 29-SEP-2000 M0062N12F Mouse 10kb plasmid tucCm1 library Mus musculus genomic clone tucCm0062N12 F, genomic survey sequence. AZ333216 AZ333216.1 GI:10397615 GSS. Mus musculus (house mouse) </p>

Query Match	0.5%	Score 28.4;	DB 1;	Length 38;
Best Local Similarity	84.2%	Pred. No. 11;		
Matches 32;	Conservative 0;	Mismatches 6;	Indels 0;	Gaps 0;
QY	262	GGCCCCCCTCTCTCTCTCTCTCTCTCTCTGCT	299	
Dd	1	GCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	38	
RESULT 7				
AJ802263/c	AJ802263	36 bp	mRNA	linear
LOCUS	AJ802263	Antirrhinum majus whole plant	Antirrhinum majus	EST 11-AUG-2004
DEFINITION	018_5_03_j12,	mrna sequence.		
ACCESSION	AJ802263			
VERSION	AJ802263.1	GI:51117591		
KEYWORDS	EST:			
SOURCE	Antirrhinum majus (snapdragon)			
ORGANISM	Antirrhinum majus			

[illegible]

electrophoresis. Vector DNA was prepared from a derivative of pMD19 (G14723121[5b]AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent *E. coli* X10-Gold (Stratagene) cells and selected for ampicillin resistance."

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Query Match          0.5%; Score 25.2; DB 1; Length 31;
Best Local Similarity 90.0%; Pred. No. 18;
Matches 27; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Qy 266 CCCCCTCTCTCTTCTCTCTCTCTCT 29
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Db 2 CTCTCTCTCTCTCTCTCTCTCTCTCT 31

RESULT 39
AZ345558

LOCUS	AZ345558	32 bp	DNA	linear	GSS 29-SEP-2000
DEFINITION	1M0080G16F Mouse 10kb plasmid U9CG library Mus musculus genomic				
ACCESSION	Clone U9CG1M0080G16 F, genomic survey sequence.				
VERSION	AZ345558				
KEYWORDS	1 CT, 10A2470F				

VERSION	KEYWORDS	SOURCE	ORGANISM
A23435358.1	GSS.	Mus musculus (house mouse)	Eukaryota; Metazoa; Chordata; Mammalia; Eumammalia; Eutheria; Rodentia; Muridae; Murinae; Murini; Mus
		Mus musculus	
		Eukaryota; Metazoa; Chordata; Mammalia; Eumammalia; Eutheria; Rodentia; Muridae; Murinae; Murini; Mus	

REFERENCE AUTHORS

REFERENCES
1 (bases 1 to 32)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmud, M., Meenan, E., Pedersen, T.,
Rellay, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausen, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kbp
plasmid inserts

JOURNAL
COMMENT

JOURNAL	Unpublished (2000)
COMMENT	Contact: Robert B. Weiss University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA Tel: 801 585 5606 Fax: 801 585 7177 Email: rdunn@genetics.utah.edu Insert Length: 10000 Std Error: 0.00 Plate: 0080 row: G column: 16 Seq primer: CTTGTAAACGACGCGCACT Class: plasmid ends High quality sequence stop: 32. Location/Qualifiers
FEATURES	

FEATURES
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/mol_type="genomic DNA"
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 /db_xref="taxon:10090"
 /clone="U080080806"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_id="Mouse 10kb plasmid U08008 library"
 /note="Vector: PWD429". Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (<http://www.jax.org/resources/documents/dnares/>). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative


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SOURCE      Ciona intestinalis
ORGANISM    Ciona intestinalis
REFERENCE    Eukaryota; Metazoa; Chordata; Urochordata; Ascidiacea; Enterogona;
TITLE       Phlebobranchia; Cloniidae; Ciona.
AUTHORS      1 (bases 1 to 34)
JOURNAL      Genoscope.
COMMENT      Ciona intestinalis directional larval cDNA library
              Unpublished (2002)
              Contact: Genoscope - Centre National de Sequencage
              Genoscope - Centre National de Sequencage
              BP 191 91006 Evry cedex - France
              Email: seqref@genoscope.cns.fr, Web : www.genoscope.cns.fr
              IMPORTANT: this sequence may contain errors. The Ciona intestinalis
              library from which the clone was isolated may be contaminated with
              cDNAs from bacteria or other Eukarya.
              Directional larval cDNA library originate from Dr.M.Branno,
              Stazione A.Dohrn, Naples, Italy, and was prepared in
              pBluescript2SK+.

FEATURES
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Best Local Similarity 96.2%; Pred.No. 24;
Matches 25; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      270 CTCCTCTCTTCTCTCTCTCTCTCT 295
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Db      29 CTCCTCTCTCTCTCTCTCTCTCTCT 4

RESULT 43
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DEFINITION 2M016602F Mouse 10kb plasmid UUC1M library Mus musculus genomic
VERSION     clone UUC2M016602 F, genomic survey sequence.
KEYWORDS    AZ860136
ACCESSION   AZ860136.1 GI:13055155
SOURCE      GSS.
ORGANISM    Mus musculus (house mouse)
COMMENT      Mus musculus
              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Rodentia; Sclurognathi; Muridae; Murinae; Mus.
              1 (bases 1 to 28)
              Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
              Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
              Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
              Niederhausern,A. and Wright,D., Weiss,R.
              Mouse whole genome scaffolding with paired end reads from 10kb
              Plasmid inserts
              Unpublished (2000)
              Contact: Robert B. Weiss
              University of Utah Genome Center
              University of Utah
              Rm. 300, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
              84112, USA
              Tel: 801 585 5606
              Fax: 801 585 7177
              Email: ddunn@genetics.utah.edu
              Insert Length: 10000 Std Error: 0.00
              Plate: 0166 Row: D Column: 02
              Seq primer: GGTGTAAACGACGCGCAGT
              Class: Plasmid ends
              High quality sequence stop: 28.
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                /organism="Mus musculus"
                /mol_type="genomic DNA"

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[illegible]

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 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGCIM library"
 /note="Vector: PMD42nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g14732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.5%; Score 24.8; DB 1; Length 29;
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 Matches 26; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 268 CCTCTCTCTCTCTCTCTCTCTCTCTCTCT 295
 Db 2 CGCTCTCTCTCTCTCTCTCTCTCTCTCTCT 29

RESULT 45
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 SOURCE Homo sapiens
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 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
 1 (bases 1 to 35)
 NIH-MGC http://mgs.nci.nih.gov/
 National Institutes of Health, Mammalian Gene Collection (MGC)
 Unpublished (1999)
 Contact: Robert Strausberg, Ph.D.
 Email: cgaabs-remail.nih.gov
 Tissue Procurement: DCTD/DRP
 CDNA Library Preparation: Ling Hong/Rubin Laboratory
 CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LNL)
 DNA Sequencing by: Incyte Genomics, Inc.
 Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LNL at:
 http://image.jnl.gov
 Plate: LNCM1955 row: f column: 19
 High quality sequence stop: 35.
 Location/Qualifiers
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 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clone="IMAGE:545658"
 /issue_type="carcinoma, cell line"
 /lab_host="DH10B (phage-resistant)"
 /clone_lib="NIH MGC 40"
 /note="Organ: Prostate; Vector: pOTB7; Site_1: XhoI; Site_2: EcoRI; cDNA made by oligo-dT priming. Directionally cloned into EcoRI/XhoI sites using the

following 5' adaptor: GGCACGAG(C). Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies). Note: this is a NIH_MGC library."

Query Match 0.5%; Score 24.8; DB 1; Length 35;
 Best Local Similarity 92.9%; Pred. No. 27;
 Matches 26; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 268 CCTCTCTCTCTCTCTCTCTCTCTCTCTCT 295
 Db 30 CTCTCTCTCTCTCTCTCTCTCTCTCTCT 3

RESULT 46
 LOCUS A2771239 26 bp DNA linear GSS 16-FEB-2001
 DEFINITION 1M0573F15F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
 clone UUGCIM0573F15 F, genomic survey sequence.
 ACCESSION A2771239
 VERSION A2771239.1 GI:12893285
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 26)
 Dunn, D., Aoyagi, A., Barber, M., Becorn, T., Duval, B., Hamll, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A., and Wright, D., Weiser, R.
 Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLG, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 1000 Std Error: 0.00
 Plate: 0573 row: F column: 15
 Seq primer: CGTGTAAACGACGCGCAGT
 Class: plasmid ends
 High quality sequence stop: 26.
 Location/Qualifiers
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 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGCIM0573F15"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGCIM library"
 /note="Vector: PMD42nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g14732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and

chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match	0.5%	Score 24.4;	DB 1;	Length 27;
Best Local Similarity	96.2%;	Pred. No. 17;		
Matches 25; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

ay 270 CTCTCTCTTTTCTCTCTCTCTCT 295
||| ||| ||| ||| |||
db 2 CTCTCTCTCTCTCTCTCTCTCT 27

RESULT	49				
LOCUS	AZ462549				
DEFINITION	AZ462549	28 bp	DNA	linear	GSS 04-OCT-2000
LOCUS	1M027JIN04F	Mouse 10kb	plasmid	UUGC1M library	Mus musculus genomic
DEFINITION	clone UUGC1M027JIN04 F,				genomic survey sequence.
ACCESSION	AZ462549				
VERSION	AZ462549.1	GI:10620770			
KEYWORDS	GSS.				
SOURCE	Mus musculus (house mouse)				
ORGANISM	Mus musculus				

and selected for ampicillin resistance."

Query Match	0.5%	Score 24.4;	DB 1;	Length 28;
Best Local Similarity	96.2%	Pred. No. 18;		
Matches 25; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

ay 270 CTCTCTCTCTTTCCTCTCTCTCT 295
|||
Db 2 CTCTCTCTCTCTCTCTCTCTCT 27

RESULT	50		
AZ943199			
LOCUS	AZ943199	28 bp	DNA
DEFINITION	c1one UUCG2M0203H17 R, genomic survey sequence.		
ACCESSION	AZ943199		
VERSION	AZ943199.1	GI:13807092	
KEYWORDS	GSS.		
SOURCE	Mus musculus	(house mouse)	
ORGANISM	Mus musculus		

REFERENCE AUTHORS

TITLE	
Mouse whole genome scaffolding with paired end reads from 10kb	

**JOURNAL
COMMENT**

COMMENT

Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: rdunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0271 row: N column: 04
Seq primer: CGTGTAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 28.

TITLE
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
JOURNAL
 Unpublished (2000)
COMMENT
 Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: dunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0203 row: H column: 17
 Seq primer: CACACGAAACAGCTATGACC
 Class: plasmid ends
 High quality sequence: 8top: 28.
 Location/Qualifiers

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1. 28
Location/Qualifiers
/organism="Mus musculus"
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGSCIM0211N04"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_id="Mouse 10kb plasmid UGSCIM library"
/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrolytically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repeated with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (g1473311[gB]AFL29072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
adapted vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells

```

```

Location/Qualifiers
1. 28
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="MUGCM0203H17"
/sex="Female"
/lab_host="E. coli strain XL10-Gold, TI-resistant, F-"
/clone_lib="Mouse 10kb plasmid MUGCM library"
/note="Vector: PWD42nv, Purified genomic DNA from M. musculus C57BL/6J (female) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapped DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 (g1473214|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adapped vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

```


Best Local Similarity 96.2%; Pred. No. 21;
Matches 25; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4414 ATATATATATATATATATATATAT 4439
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Db 28 ATATATATATATATATATATATAT 3

RESULT 53

AZ435824/c

LOCUS 29 bp DNA linear GSS 03-OCT-2000
DEFINITION 1M0223P02F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0223P02 F, genomic survey sequence.

ACCESSION

AZ435824

VERSION

AZ435824.1

KEYWORDS

GSS.

SOURCE

Mus musculus (house mouse)

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)

JOURNAL

COMMENT

Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0223 row: P column: 02
Seq primer: CGTTGTAAACGACGCGCAGT
Class: plasmid ends
High quality sequence stop: 29.

FEATURES

source

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Location/Qualifiers

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UUGC1M0223P02"

/sex="Male"

/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"

/clone_lib="Mouse 10kb plasmid UUGC1M library"

/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
adapted vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Matches 26; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4410 ATAGATATATATATATATATATATAT 4438
|||||
Db 29 ATATATATATATATATATATATAT 1

RESULT 54

AZ804185/c

LOCUS 32 bp DNA linear GSS 16-FEB-2001
DEFINITION 2M0064N24R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0064N24 R, genomic survey sequence.

ACCESSION

AZ804185

VERSION

AZ804185.1

KEYWORDS

GSS.

SOURCE

Mus musculus (house mouse)

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)

JOURNAL

COMMENT

Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0064 row: N column: 24
Seq primer: CACACGGAACACGCTATGACC
Class: plasmid ends
High quality sequence stop: 32.

FEATURES

source

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Location/Qualifiers

/organism="Mus musculus"

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/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UUGC2M0064N24"

/sex="Male"

/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"

/clone_lib="Mouse 10kb plasmid UUGC1M library"

/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
adapted vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.5%; Score 24.2; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 21;

Query Match 0.5%; Score 24; DB 1; Length 32;
Best Local Similarity 84.4%; Pred. No. 28;
Matches 27; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

RESULT 59
AZ641486

AZ641486

DEFINITION

ACCEPTATION

VERSIONNEW WORDS
SOITRCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL.

FEATURES

A26641486 26 bp DNA linear GSS 14-DEC-2000
 M05054J06F Mouse 10kb plasmid UGCGIM library Mus musculus genomic
 clone UGCGIM0504J06 F, genomic survey sequence.
 A26641486
 A26641486.1 GI:11765514
 GSS.
 Mus musculus (house mouse)
 Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murine; Mus.
 1 (bases 1 to 26)
 Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
 Islam,H., Longacre,S., Mahmood,M., Meenen,E., Pedersen,T.,
 Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
 Niederhausen,A. and Wright,D.,Weis,R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weis
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLCC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0504 row: J column: 06
 Seq primer: CGTTGTAAACGACGCGCCAGT
 Class: plasmid ends
 High quality sequence stop: 26.
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 /clone="UGCGIM0504J06"
 /sex="Male"
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 /clone_library="Mouse 10kb plasmid UGCGIM library"
 /note="Vector: pMD42nv; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 sheared DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of pMD42 (gi|4732114|gb|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptor complementary to the insert adaptor and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match	0.4%	Score 23.4	DB 1	Length 26
Best Local Similarity	96.0%	Pred No. 21		
Matches 24; Conservative	0	Mismatches	1	Indels 0; Gaps 0

Qy 271 TCTCTCTCTTTTCTCTCTCTCTCTCT 295
 |||||
Db 1 TCTCTCTCTCTCTCTCTCTCTCTCT 25

RESULT 60
AZ666145/c
LOCUS

LOCUS

ACCESSION
NUMBER

KEYWORDS

SOURCE
ORGANISM

100

0000000000

REFERENCES

TITLE

TOP SECRET

COMMENT

FEATURES

AZ666145 26 bp DNA linear GSS 14-DEC-2000
 1M0548C02F Mouse 10kb plasmid UGCG1M library Mus musculus genomic
 clone UGCG1M0548C02 F, genomic survey sequence.
 AZ666145
 AZ666145.1 GI:11803291
 GSS.
 Mus musculus (house mouse)
 Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 26)
 Dunn,D., Aoyagi,A., Barber,M., Beacom,T., Duval,B., Hamil,C.,
 Reilly,H., Longacre,S., Mahmood,M., Meenen,E., Pedersen,T.,
 Reilly,M., Rose,M., Rose,R., Stokes,R., Tingay,A., von
 Niederhuesern,A. and Wright,D.,Weiss,R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLCC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0548 Row: C Column: 02
 Seq primer: CGTTGTAAACAGCAGCGCCACT
 Class: plasmid ends
 High quality sequence stop: 26.
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 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
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 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="mouse 10kb plasmid UGCG1M library"
 /note="Vector: FWD42nv. Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of pMW42 (G14732114|gD|AF12072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptor complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

ch	0.4;	Score 23.4;	DB 1;	Length 26;
1 Similarity	96.0;	Pred. No. 21;		
24; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

71 TCTCTCTCTTCTCTCTCTCTCT 295
||||| |||||||||
26 TCTCTCTCTCTCTCTCTCTCTCT 2

RESULT 61
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 DEFINITION clone UGCGM0530L03 R, genomic survey sequence.
 ACCESSION AZ655531
 VERSION AZ655531.1 GI:11792677
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 27)
 Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
 Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 Unpublished (2000)
 CONTACT: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert length: 10000 Std Error: 0.00
 Plate: 0530 row: L column: 03
 Seq primer: CACACAGAAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 27.
 Location/Qualifiers
 1..27
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGCGM0530L03"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UGCGM library"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PMD42 (g14732114|GB|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptor complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.4%; Score 23.4; DB 1; Length 27;
 Best Local Similarity 96.0%; Pred. No. 22;
 Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTCTCTCT 295
 |||||
 Db 2 TCTCTCTCTCTCTCTCTCTCTCT 26

RESULT 62

CF929943
 LOCUS 33 bp mRNA linear EST 12-NOV-2003
 DEFINITION CF-02-R-C15 Bos taurus CF-24-HW cDNA library Bos taurus cDNA clone
 CF-02-R-C15(5'), mRNA sequence.
 ACCESSION CF929943
 VERSION CF929943.1 GI:38278690
 KEYWORDS EST.
 SOURCE Bos taurus (cow)
 ORGANISM Bos taurus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Cetartiodactyla; Ruminantia; Pecora; Bovidae; Bovinae; Bos.
 1 (bases 1 to 33)
 Yoon,D.H., Lee,S.H., Lee,J.H., Sang,B.C. and Oh,S.J.
 Gene Expression Profiling of the Bovine adipose tissues
 Unpublished (2003)
 CONTACT: Dr. Du-Hak Yoon
 National Livestock Research Institute, RDA
 564 Omockhun-dong, Suwon, 441-350, Korea
 Tel: 82 31 290 1593
 Fax: 82 31 290 1792
 Email: dhyoon@rda.go.kr
 Insert length: 33 Std Error: 0.00
 Seq primer: ATTAACCTCCTACTAAG
 POLYA=No.
 Location/Qualifiers
 1..33
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 /db_xref="taxon:9913"
 /clone="CF-02-R-C15(5')"
 /sex="four males mixed"
 /tissue_type="adipose tissue"
 /cell_type="adipocyte"
 /dev_stage="24 months old"
 /lab_host="XLI-BlueMR strain"
 /clone_lib="Bos taurus CF-24-HW cDNA library"
 /note="Vector: Uni-ZAPXR; Site_1: EcoRI; Site_2: Xho I"

Query Match 0.4%; Score 23.4; DB 1; Length 33;
 Best Local Similarity 96.0%; Pred. No. 35;
 Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTCTCTCT 295
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 Db 9 TCTCTCTCTCTCTCTCTCTCTCT 33

RESULT 63
 AZ804183 29 bp DNA linear GSS 16-FEB-2001
 LOCUS 2M064N22R Mouse 10kb plasmid UGCGM library Mus musculus genomic
 DEFINITION clone UGCGM0064N22 R, genomic survey sequence.
 ACCESSION AZ804183
 VERSION AZ804183.1 GI:12956506
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 29)
 Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
 Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 Unpublished (2000)
 CONTACT: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA


```
1. .23
/organisms="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUCG2M0036G06"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-
clone_1lb="Mouse 10kb plasmid UUCG1M library"
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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUCG2M0064P06"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-
/clone_lib="Mouse 10kb plasmid UUCGM library"
note="Vector: PMD242v; Purified genomic DNA from M.

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	Query Match	0.4%; Score 21.2; DB 1, length 27;
	Best Local Similarity	88.5%; Pred. No. 42;
	Matches 23; Conservative	0; Mismatches 3; Indels 0; Gaps 0.
Qy	270 CTCTCTCTTTCCTCTCTCTCTCT	295
Db	1 CTCTCTCTCTCCCTCCTCCTCT	26

RESULT 76					
AZ391891/c					
LOCUS	AZ391891	29 bp	DNA	linear	GSS 03-OCT-2000
DEFINITION	IN0154F14F Mouse 10kb plasmid UUC1M library Mus musculus genomic clone UUC1M0154F14 F, genomic survey sequence.				

SOURCE ORGANISM	REFERENCE	AUTHORS	TITLE
Mus musculus (house mouse)			
Mus musculus			
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.			
1 (bases 1 to 29)			
Dunn, D., Aoyagi, A., Barber, M., Beacom, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Rilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiser, R.			
Mouse whole genome scaffolding with paired end reads from 10kb			

JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLc, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0154 row: F column: 14
Seq primer: CGTTGTAACAGACGCCACAT
Class: plasmid ends
High quality sequence stop: 29.

FEATURES

```

/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGSC1M0154F14"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGSC1M library"
/notes="Vector: PMD219; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNAs

```

Query Match	0.4%	Score 21.2;	DB 1;	Length 29;
Best Local Similarity	88.5%	Pred. No. 49;		
Matches 23; Conservative	0;	Mismatches	3;	Indels
				Gaps 0;
QY	261	GGGCCCCCCTCTCTCTTCTC	286	
Db	27	GGCCCCCCCCCTCTCTCCTCTC	2	

RESULT 77					
AZ345561					
LOCUS					
DEFINITION					
	AZ345561	31 bp	DNA	linear	GSS 29-SEP-2000
	IM0808HJ3F Mouse 10kb plasmid UUCG library Mus musculus genomic				
	clone UUCGIM0808HJ3 F, genomic survey sequence.				

SOURCE ORGANISM	Mus musculus (house mouse)	Mus musculus

REFERENCE	1 (Pages 1 to 31)
AUTHORS	Dunn,D., Acyag,I., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Rielly,M., Rose,M., Rose,R., Stokes,R., Tinney,A., von Niederhausern,A. and Wright,D. Weiss R.
TITLE	Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL	Unpublished (2000)
COMMENT	Contact: Robert B. Weiss

JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert length: 1000 Std Error: 0.00
Plate: 0080 row: H column: 13
Seq primer: CGTTGTAACACGCGCCAGT
Class: plasmid ends
High quality sequence strop: 31.

FEATURES

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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGC1M0080H13"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_id="mouse 10kb plasmid UGC1M library"
/notes="Vector: pMD229, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a

```

0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (G14732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.4%; Score 21.2; DB 1; Length 31;
Best Local Similarity 88.5%; Pred. No. 57;
Matches 23; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4414 ATATATATATATATATATATATAT 4439
Db 1 ATATATATATATATATATATATAT 26

RESULT 78 24 bp DNA linear GSS 20-FEB-2001
AZ633751 2M048911F Mouse 10kb plasmid UGCGIM library Mus musculus genomic
LOCUS clone UGCGM048911 F, genomic survey sequence.

ACCESSION AZ633751 GI:113006896
VERSION AZ633751.1
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 24)
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhuesen, A. and Wright, D., Weis, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0132 row: P column: 01
Seq primer: CGTTGTAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 24.

FEATURES Location/Qualifiers

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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCGM048911"
/sex="Male"

/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCGIM library"
/note="Vector: pMD42nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA

was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (G14732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.4%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 36;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTCTCTCTCTC 294
Db 24 TCTCTCTCTCTCTCTCTCTCTCTCTC 1

RESULT 79 22 bp DNA linear GSS 13-DEC-2000
AZ633751 1M048911F Mouse 10kb plasmid UGCGIM library Mus musculus genomic
LOCUS clone UGCGM048911 F, genomic survey sequence.

ACCESSION AZ633751 GI:11755941
VERSION AZ633751.1
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 22)
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhuesen, A. and Wright, D., Weis, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0489 row: I column: 11
Seq primer: CGTTGTAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.

FEATURES Location/Qualifiers

1..22
source

/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCGM048911"
/sex="Male"

/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCGIM library"
/note="Vector: pMD42nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4

polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g1473214|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.4%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 34;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 271 TCTCTCTCTCTCTCTCTCTCTC 292
|||||
Db 1 TCTCTCTCTCTCTCTCTCTCTC 22

RESULT 80
AZ4342914 26 bp DNA linear GSS 29-SEP-2000
LOCUS 1M0076C22F Mouse 10kb plasmid UGCGIM library Mus musculus genomic
DEFINITION clone UGCGIM0076C22 F, genomic survey sequence.
ACCESSION AZ4342914
VERSION AZ4342914.1 GI:10420628
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmood, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weis, R.
TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0076 row: C column: 22
Seq primer: CGTTGTAAACGACGCGCAGT
Class: plasmid ends
High quality sequence stop: 26.

FEATURES
source location/Qualifiers
1. 26
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCGIM0076C22"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCGIM library"
/note="Vector: pMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were

ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g1473214|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.4%; Score 20.4; DB 1; Length 26;
Best Local Similarity 95.5%; Pred. No. 49;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 270 CTCTCTCTCTCTCTCTCTCTCT 291
|||||
Db 5 CTCTCTCTCTCTCTCTCTCT 26

RESULT 81
AZ430288 23 bp DNA linear GSS 03-OCT-2000
LOCUS 1M0214012R Mouse 10kb plasmid UGCGIM library Mus musculus genomic
DEFINITION clone UGCGIM0214012 R, genomic survey sequence.
ACCESSION AZ430288
VERSION AZ430288.1 GI:10554301
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmood, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weis, R.
TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0214 row: O column: 12
Seq primer: CACACAGAAACGCTATGACC
Class: plasmid ends
High quality sequence stop: 23.

FEATURES
source location/Qualifiers
1. 23
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCGIM0214012"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCGIM library"
/note="Vector: pMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were

ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g1473214|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g1473214|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

electrophoresis. Vector DNA was prepared from a derivative of pMP42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 40;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 271 TCTCTCTCTCTCTCTCTCT 291
Db 1 TCTCTCTCTCTCTCTCTCT 21

RESULT 84
AZ589098 21 bp DNA linear GSS 13-DEC-2000
LOCUS
DEFINITION
clone UDC1M0397B19 R, genomic survey sequence.

ACCESSION
AZ589098
VERSION
KEYWORDS
SOURCE
ORGANISM

Mus musculus (house mouse)
Mus musculus
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 21)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausen, A. and Wright, D., Weiss, R.

REFERENCE
AUTHORS
TITLE
Plasmid inserts
Unpublished (2000)

JOURNAL
COMMENT
Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA

Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0397 row: B column: 19
Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 21.

FEATURES
source
Location/Qualifiers

1. .21
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UDC1M0397B19"
/sex="Male"
/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UDC1M library"
/note="Vector: pMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative

of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 40;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 271 TCTCTCTCTCTCTCTCTCT 291
Db 21 TCTCTCTCTCTCTCTCTCT 1

RESULT 85
AZ627978 21 bp DNA linear GSS 13-DEC-2000
LOCUS
DEFINITION
clone UDC1M0476L04 F, genomic survey sequence.

ACCESSION
AZ627978
VERSION
KEYWORDS
SOURCE
ORGANISM

Mus musculus (house mouse)
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 21)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausen, A. and Wright, D., Weiss, R.

REFERENCE
AUTHORS
TITLE
Plasmid inserts
Unpublished (2000)

JOURNAL
COMMENT
Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA

Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0476 row: L column: 04
Seq primer: CGTTGTAAACGACGCGCAGT
Class: plasmid ends
High quality sequence stop: 21.

FEATURES
source
Location/Qualifiers

1. .21
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UDC1M0476L04"
/sex="Male"
/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UDC1M library"
/note="Vector: pMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (gi|4732114|gb|AF129072.1), a copy-number

inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 40;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 271 TCTCTCTCTCTCTCTCTCTCTCT 291
Db 1 TCTCTCTCTCTCTCTCTCTCTCT 21

RESULT 86
AZ389918 25 bp DNA linear GSS 02-OCT-2000
LOCUS 1M0151E05F Mouse 10kb plasmid UGCM library Mus musculus genomic
DEFINITION clone UGCM0151E05 F, genomic survey sequence.
ACCESSION AZ389918
VERSION AZ389918.1 GI:10503626
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1 (bases 1 to 25)
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weiss, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0151 row: E column: 05
Seq primer: CCTGTAAAACGACGCGCACT
Class: plasmid ends
High quality sequence stop: 25.
Location/Qualifiers
1. 25

FEATURES
source

/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCM0151E05"
/sex="Male"
/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCM library"
/note="Vector: PMD42v; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated

with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.4%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 74;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 267 CCCCTCTCTCTCTCTCTCTCTCTCT 291
Db 1 CCATGCTCTCTCTCTCTCTCTCTCT 25

RESULT 87
AZ433566 20 bp DNA linear GSS 03-OCT-2000
LOCUS 1M0219C02R Mouse 10kb plasmid UGCM library Mus musculus genomic
DEFINITION clone UGCM0219C02 R, genomic survey sequence.
ACCESSION AZ433566
VERSION AZ433566.1 GI:10557579
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1 (bases 1 to 20)
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weiss, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0219 row: C column: 02
Seq primer: CACACGGAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
1. 20

FEATURES
source

/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCM0219C02"
/sex="Male"
/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCM library"
/note="Vector: PMD42v; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and

chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 48;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTC 290
|||||
Db 1 TCTCTCTCTCTCTCTCTC 20

RESULT 90 22 bp DNA linear GSS 04-OCT-2000
AZ464354 1M0273M1R Mouse 10kb plasmid UGCG1M library Mus musculus genomic
LOCUS clone UGCG1M0273M1 R, genomic survey sequence.
DEFINITION
ACCESSION AZ464354 GI:10622479
VERSION
KEYWORDS
SOURCE
ORGANISM Mus musculus (house mouse)
MUS musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 22)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhuesen,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0273 row: M column: 11
Seq primer: CACACAGGAACGCTATGACC
Class: plasmid ends
High quality sequence stop: 22.

FEATURES

source

1.22
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCG1M0273M11"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCG1M library"
/note="Vector: PWD42nv, Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptor DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PWD42 (g114732114[gbl/AF129072.1]), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptor mouse DNA was annealed to
adaptor vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells

and selected for ampicillin resistance."

Query Match 0.3%; Score 18.4; DB 1; Length 22;
Best Local Similarity 95.0%; Pred. No. 59;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTC 290
|||||
Db 3 TCTCTCTCTCTCTCTCTC 22

RESULT 91 23 bp DNA linear GSS 13-DEC-2000
AZ598675 1M0413C08R Mouse 10kb plasmid UGCG1M library Mus musculus genomic
LOCUS clone UGCG1M0413C08 R, genomic survey sequence.
DEFINITION
ACCESSION AZ598675 GI:11720865
VERSION
KEYWORDS
SOURCE
ORGANISM Mus musculus (house mouse)
MUS musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 23)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhuesen,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0413 row: C column: 08
Seq primer: CACACAGGAACGCTATGACC
Class: plasmid ends
High quality sequence stop: 23.

FEATURES

source

1.23
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCG1M0413C08"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCG1M library"
/note="Vector: PWD42nv, Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptor DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PWD42 (g114732114[gbl/AF129072.1]), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptor mouse DNA was annealed to
adaptor vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells

Query Match 0.3%; Score 18.4; DB 1; Length 23;
 Best Local Similarity 95.0%; Pred. No. 65;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4415 TAATATATATATATATATA 4434
 |||||
 23 TAATATATATATATATATA 4

RESULT 92
 CD028815 27 bp mRNA linear EST 07-MAY-2003
 LOCUS mgc8010XA10f.b Magnaporthe grisea CS Uni-Zap XR Library Magnaporthe
 DEFINITION grisea cDNA clone mgc8010XA10 5', mRNA sequence.
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM

EST.
 Magnaporthe grisea (anamorph: Pyricularia grisea)

Eukaryota; Fungi; Ascomycota; Pezizomycotina; Sordariomycetes;
 Sordariomycetes Incertae sedis; Magnaportheaceae; Magnaporthe.

REFERENCE
 1 (bases 1 to 27)
 Ebbole,D.J., Yuan,J., Thomas,T.L., Bobrowicz,P., Lu,G.,
 Bhatnagar,K. and Dean,R.A.
 Expressed sequence tags from the rice blast fungus, Magnaporthe

grisea

JOURNAL
 COMMENT

Unpublished (2002)
 Contact: Ebbole DJ
 Department of Plant Pathology & Microbiology
 Texas A&M University
 Peterson Bldg, MS2132, College Station, TX 77843-2132, USA

Tel: 979 845 4831
 Fax: 979 845 6483
 Email: d-ebbole@tamu.edu
 Chromatogram file of this sequence is available, see contact

person;
 PCR Primers
 FORWARD: T3 primer
 BACKWARD: T7 primer
 Plate: mgc8010 row: A column: 10
 Seq primer: T3.

Location/Qualifiers

FEATURES

source

1. 27
 /organism="Magnaporthe grisea"
 /mol_type="mRNA"
 /strain="Guy11"
 /db_xref="taxon:148305"
 /clone="mgc8010XA10"
 /sex="Mati-2 hermaphrodite"
 /cell_type="conidia"
 /clone_lib="Magnaporthe grisea CS Uni-Zap XR Library"
 /note="Vector: pBluescriptSK-; Site 1: EcoRI; Site 2:
 XhoI; Unidirectional cloning. EcoRI site has T3 primer and
 predominantly 5' reads. T7 primer on XhoI site of insert.
 Confidial library. Point inoculation of Guy11 at center of
 oatmeal agar plate. Conidia were harvested after two weeks
 of growth. Sequences were processed by one of two methods.
 Where a full-length alignment to the M. grisea genome
 sequence was available, the EST sequence was trimmed
 according to the alignment, otherwise sequence quality was
 assessed using phredPhrap version 991019 and trimmed
 according to phd files (0.05) and for vector seqs."

Query Match 0.3%; Score 18.4; DB 1; Length 27;
 Best Local Similarity 95.0%; Pred. No. 91;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTC 290
 |||||
 21 TCTCTCTCTCTCTCTCTC 2

RESULT 93
 AZ873739 27 bp DNA linear GSS 21-FEB-2001
 LOCUS 2M0187C08R Mouse 10kb plasmid UUGCM library Mus musculus genomic
 DEFINITION clone UUGC2M0187C08 R, genomic survey sequence.
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM

Mus musculus (house mouse)

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE

1 (bases 1 to 27)
 Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
 Islem,H., Longacre,S., Mahmood,M., Meenen,E., Pedersen,T.,
 Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
 Niederhausen,A. and Wright,D., Weis,R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts

JOURNAL
 COMMENT

Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0187 row: C column: 08
 Seq primer: CACACAGAAACGATATGACC
 Class: plasmid ends

High quality sequence stop: 27.

Location/Qualifiers

FEATURES

source

1. 27
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC2M0187C08"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGCM library"
 /note="Vector: PMD42nv; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adapted DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of pMD42 (gi|4732114|gb|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adapted mouse DNA was annealed to
 adapted vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match 0.3%; Score 18.4; DB 1; Length 27;
 Best Local Similarity 95.0%; Pred. No. 91;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTTCTCTCTCTCTCTCTC 289
 |||||
 1 CTTCTCTCTCTCTCTCTC 20

RESULT 94

AZ416392/c 26 bp DNA linear GSS 03-OCT-2000
 LOCUS 1M01D07R Mouse 10kb plasmid UGCGIM library Mus musculus genomic
 DEFINITION clone UGCGIM0191D07 R. genomic survey sequence.
 ACCESSION AZ416392
 VERSION AZ416392.1 GI:10540405
 SOURCE GSS.
 KEYWORDS Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 26)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Dval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weis, R.
 Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weis
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0191 row: D column: 07
 Seq primer: CACACAGAAACAGCTATGAC
 Class: plasmid ends
 High quality sequence stop: 26.
 Location/Qualifiers
 1..26
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGCGIM0191D07"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UGCGIM library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 (g1473214|g5|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 18; DB 1; Length 26;
 Best Local Similarity 80.8%; Pred. No. 94;
 Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 265 CCCCCCTCTCTCTCTCTCTCTCTC 290
 |||||
 Db 26 CCCCCCTCTCTCTCTCTCTCTCC 1

RESULT 95
 CF291636/c

LOCUS CF291636 24 bp mRNA linear EST 14-AUG-2003
 DEFINITION 14ROOT--02-C09.g1 Rice root cDNA library (14ROOT) Oryza sativa (japionica cultivar-group) cDNA clone 14ROOT--02-C09, mRNA sequence.
 ACCESSION CF291636
 VERSION CF291636.1 GI:33660669
 SOURCE EST.
 KEYWORDS Oryza sativa (japionica cultivar-group)
 ORGANISM Oryza sativa (japionica cultivar-group)
 Eukaryota; Viridiplantae; Streptophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Eriactroideae; Oryzaceae; Oryza.
 1 (bases 1 to 24)
 Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C., Song, S.I., Kim, Y.K., Kim, Y.-K. and Nahm, B.H.
 Large-scale Sequencing Analysis of Rice ESTs
 JOURNAL Unpublished (2003)
 COMMENT Contact: Nahm B.H.
 Genomics and Genetics Institute, GreenGene Biotech Inc., Division of Bioscience and Bioinformatics, Myongji University, Yongin, Kyonggi, Korea
 Tel: 82 31 330 6193
 Fax: 82 31 321 6355
 Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.
 Location/Qualifiers
 1..24
 /organism="Oryza sativa (japionica cultivar-group)"
 /mol_type="mRNA"
 /cultivar="Nackdong"
 /db_xref="taxon:39947"
 /clone="14ROOT--02-C09"
 /tissue_type="root"
 /dev_stage="14 days after germination"
 /lab_host="E. coli DH10B"
 /clone_lib="Rice root plasmid cDNA library (14ROOT)"
 /note="Vector: PCR4-TOPO, Site 1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."

Query Match 0.3%; Score 17.6; DB 1; Length 24;
 Best Local Similarity 83.3%; Pred. No. 89;
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3916 CCCCCGCGCGCGCGCGCGCTGC 3939
 |||||
 Db 24 CCGCGCGCGCGCGCGCGCGCGC 1

RESULT 96 25 bp mRNA linear EST 01-DEC-1995
 LOCUS H93534/c
 DEFINITION YV08G12.r1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone IMAGE:242182 5' similar to gb|U87933|HUMALU364 human carcinoma cell-derived Alu RNA transcript, (tRNA), mRNA sequence.
 ACCESSION H93534
 VERSION H93534.1 GI:1099862
 KEYWORDS EST.
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 25)
 Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

AUTHORS Hillier, L., Clark, N., Dubuque, T., Ellisson, K., Hawkins, M., Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Mays, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Trevaaskis, E., Waterson, R., Williamson, A., Wohlmann, P. and Wilson, R.
 The WashU-Merck EST Project
 JOURNAL Unpublished (1995)
 COMMENT Contact: Wilson RK
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800

source

1. .27
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGC1M0061M14"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /note="Vector: PMD42nv. Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PMD42 (gi4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 17.6; DB 1; Length 27;
 Best Local Similarity 83.3%; Pred. No. 1.1e+02;
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 892 CAGAAGATCCCGCTGACTGCCA 915
 |||||
 Db 27 CAGTAAATCTCTGCTGACTGACA 4

RESULT 99
 LOCUS B0589412 32 bp mRNA linear EST 06-DEC-2002
 DEFINITION S014008-024-015-006-SP6 MP1Z-ADIS-024-storage root Beta vulgaris
 CDNA clone 024-015-006 5-PRIME, mRNA sequence.

ACCESSION B0589412
 VERSION B0589412.1 GI:26118995
 KEYWORDS EST.
 SOURCE Beta vulgaris
 ORGANISM Beta vulgaris

REFERENCE Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.
 1 (bases 1 to 32)
 AUTHORS Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfach, M., Drungowski, M., Stahl, D., Wronck, M., Menze, A., O'Brien, D., Lehnach, H. and Radelof, U.

TITLE Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes

JOURNAL Plant J. 32 (5), 845-857 (2002)
 MEDLINE 22362189
 PUBMED 12472698

COMMENT Contact: Weisshaar B
 ADIS DNA core facility at MP1Z
 Max-Planck-Institute for Plant Breeding Research
 Carl-von-Linne Weg 10, 50829 Koeln, Germany
 Fax: 00492215062851

FEATURES
 source
 1. .32
 /organism="Beta vulgaris"
 /mol_type="mRNA"

Location/Qualifiers
 1. .32
 /organism="Beta vulgaris"
 /mol_type="mRNA"

/cultivar="KWS2320 (double haploid, monogerm breeding line)"
 /db_xref="GABI:187662"
 /db_xref="taxon:161934"
 /clone="024-015-006"
 /issue_type="storage root"
 /lab_host="EMDH10B"
 /clone_lib="MP1Z-ADIS-024-storage root"
 /note="Vector: PCMVSPORT6; Site 1: SalI; Site 2: NotI; cDNA library from sugar beet, library provided by KWS Kleinzellenecker Saatzucht AG Einbeck, Germany, contact: b.schulze@kws.de; cloning sites SalI-NotI, primer sites and orientation:
 SP6-Sall-CCACGCGTCGCG-5prime-CDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung, Sequence submission managed by R2PD/GABI-Primary database: http://gabi.tzpd.de"

Query Match 0.3%; Score 17.6; DB 1; Length 32;
 Best Local Similarity 71.9%; Pred. No. 1.5e+02;
 Matches 23; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 2804 ACGAGAAATGGAAGAGAGTGGAGGAGC 2835
 |||||
 Db 1 AAGAGAAAGAGAGAGAGATGAGGAGC 32

RESULT 100
 LOCUS AZ424284 41 bp DNA linear GSS 03-OCT-2000
 DEFINITION IM0203M14R Mouse 10kb plasmid UGCGM library Mus musculus genomic
 clone UGCGM0203M14 R, genomic survey sequence.

ACCESSION AZ424284
 VERSION AZ424284.1 GI:10548297
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 41)
 AUTHORS Dunn, D., Moyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tinney, A., von Niederhausern, A. and Wright, D., Weis, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah

REFERENCE Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu

FEATURES
 source
 1. .41
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGC1M0203M14"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UGCGM library"
 /note="Vector: PMD42nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson

Location/Qualifiers
 1. .41
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGC1M0203M14"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UGCGM library"
 /note="Vector: PMD42nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson

was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 91;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 267 CCCCCCTCTCTCTCTCTCTC 288
Db 22 CCACACTCTCTCTCTCTCTC 1

RESULT 105
AZ796046 25 bp DNA linear GSS 16-FEB-2001
LOCUS 2M0051B17R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
DEFINITION clone UUGC2M0051B17 R, genomic survey sequence.
ACCESSION AZ796046
VERSION AZ796046.1 GI:12943897
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 25)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished (2000)

TITLE
JOURNAL
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0051 row: B column: 17
Seq primer: CACACAGAAACACGATGACC
Class: plasmid ends
High quality sequence stop: 25.

FEATURES
Source
Location/Qualifiers
1. 25
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0051B17"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: pMD42nv. Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4

polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 11e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 263 CCCCCCTCTCTCTCT 279
Db 5 CCCCCCTCTCTCTCT 21

RESULT 106
AZ321269 26 bp DNA linear GSS 29-SEP-2000
LOCUS 1M0041A23R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
DEFINITION clone UUGC1M0041A23 R, genomic survey sequence.
ACCESSION AZ321269
VERSION AZ321269.1 GI:10373879
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 26)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished (2000)

TITLE
JOURNAL
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0041 row: A column: 23
Seq primer: CACACAGAAACGATGACC
Class: plasmid ends
High quality sequence stop: 26.

FEATURES
Source
Location/Qualifiers
1. 26
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0041A23"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: pMD42nv. Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were

ligated to the blunt ends in high molar excess. The
 adapter DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of pMD42 (g14732114|g9|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptor complementary to the insert adaptors and
 purified. The sheared, adaptered mouse DNA was annealed to
 adaptered vector DNA, and transformed into
 chemically-competent E.coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match 0.3%; Score 17; DB 1; Length 26;
 Best Local Similarity 80.0%; Pred. No. 1.2e+02;
 Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4591 GGCTGAAGCATTAAAGACCCGCT 4615
 DB 25 GGATGAAGGAAACAGAGCCGCT 1

RESULT 107 26 bp DNA linear GSS 13-MAR-2003
 B2765029
 LOCUS
 DEFINITION Arabidopsis thaliana TDNA insertion lines
 Arabidopsis thaliana genomic clone SALK_127976.21.20.x, genomic
 survey sequence.

ACCESSION B2765029
 VERSION B2765029.1 GI:28937582
 KEYWORDS
 SOURCE Arabidopsis thaliana (thale cress)
 ORGANISM Arabidopsis thaliana

REFERENCE
 AUTHORS Gadgil, C., Jeske, A., Karnes, M., Kim, C.J., Parker, H., Prednis, L.,
 Shin, P., Zimmerman, J., and Ecker, J.R.
 1 (bases 1 to 26)

TITLE A Sequence-indexed Library of Insertion Mutations in the
 Arabidopsis Genome
 JOURNAL Arabidopsis Genome
 COMMENT Unpublished (2001)
 Contact: Joseph R. Ecker
 Salk Institute Genomic Analysis Laboratory (SIGAL)
 10010 N. Torrey Pines Road, La Jolla, CA 92037, USA
 Tel: 858 453 4100 x1752
 Fax: 858 558 6379
 Email: ecker@salk.edu

FEATURES
 source
 class: TDNA tagged.
 Location/Qualifiers
 1..26
 /organism="Arabidopsis thaliana"
 /mol_type="genomic DNA"
 /ecotype="Col-0"
 /db_xref="taxon:3702"
 /clone="SALK_127976.21.20.x"
 /clone_lib="Arabidopsis thaliana TDNA insertion lines"
 /note="PCR was performed on Arabidopsis thaliana lines
 each of which contains one or more TDNA insertion
 elements. The resultant fragment for each line was
 directly sequenced to determine the genomic sequence at
 the site of insertion. Details of the protocols used can
 be found at http://signal.salk.edu/tdna_protocols.html"

Query Match 0.3%; Score 17; DB 1; Length 26;
 Best Local Similarity 80.0%; Pred. No. 1.2e+02;
 Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4414 ATAAATATATATATATATATATATAT 4438
 |||||

DB 2 ATTAACATATATATATATATATATAT 26

RESULT 108 26 bp DNA linear GSS 06-MAR-2004
 AG199504/C
 LOCUS
 DEFINITION Pan troglodytes DNA, clone: RP43-080N20.T7, genomic survey
 sequence.

ACCESSION AG199504
 VERSION AG199504.1 GI:45231680
 KEYWORDS
 SOURCE Pan troglodytes (chimpanzee)
 ORGANISM Pan troglodytes

REFERENCE
 AUTHORS Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Pan.
 1
 Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J.,
 Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
 BAC end sequences of Library RP-43
 Unpublished
 2 (bases 1 to 26)

TITLE
 JOURNAL
 AUTHORS
 COMMENT
 Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J.,
 Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
 Direct Submission
 Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of
 Biotechnology and Biotechnology (KRIIB), Genome Research Center (GRC);
 52, Oun-dong, Yusong-gu, Daejeon 305-333, Korea
 (E-mail:redstone@mail.kribb.re.kr, URL:http://pns.grc.kribb.re.kr/
 Tel:82-42-866-7181, Fax:82-42-860-4409)
 Clones are derived from the chimpanzee BAC library RP-43 This BAC
 end was generated during the R&D process and may have higher chance
 of clone tracking errors.
 PRIMERS
 Sequencing: T7
 LIBRARY
 Vector : pBACe3.6
 R.Site 1 : EcoRI
 R.Site 2 : EcoRI

FEATURES
 source
 Location/Qualifiers
 1..26
 /organism="Pan troglodytes"
 /mol_type="genomic DNA"
 /db_xref="taxon:9598"
 /clone="RP43-080N20.T7"
 /sex="male"
 /cell_type="lymphocytes"
 /clone_lib="RP-43 Chimpanzee Male BAC Library"

Query Match 0.3%; Score 17; DB 1; Length 26;
 Best Local Similarity 80.0%; Pred. No. 1.2e+02;
 Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4903 GGTGGCAGCCATCACCAGCCACAG 4927
 DB 26 GGAGGAGACCATCACAGTACAG 2

RESULT 109 24 bp DNA linear GSS 20-FEB-2001
 A2828388
 LOCUS
 DEFINITION 2M0105P14F Mouse 10kb plasmid UGCGM library Mus musculus genomic
 clone UGCGM0105P14 F, genomic survey sequence.

ACCESSION A2828388
 VERSION A2828388.1 GI:12998296
 KEYWORDS
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus

REFERENCE
 AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sclurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 24)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamill, C.,
 Islem, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
 Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von

TITLE Niederhausern, A. and Wright, D., Weis, R.
JOURNAL Mouse whole genome scaffolding with paired end reads from 10kb
COMMENT plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weis
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0105 row: P column: 14
 Seq primer: CGTTGTAACGACGCCACT
 Class: plasmid ends
 High quality sequence stop: 24.
 Location/Qualifiers

FEATURES
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 1. 24
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="U9C2M0105P14"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid U9C1M library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 (G14732114[GB|AF129072.1]), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 1.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 793 TGACCATCTGCATACCTT 812
 |||||
 3 TGACCATCTGCATAACCTT 22

RESULT 110 25 bp mRNA linear EST 22-APR-2004
LOCUS AU247142/c
DEFINITION AU247142 FL loliium multiflorum cDNA clone FL023C10-5, mRNA
ACCESSION AU247142
VERSION AU247142.1 GI:46504411
KEYWORDS EST.
SOURCE loliium multiflorum (Italian ryegrass)
ORGANISM loliium multiflorum
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
 Pooidae; Poeae; Lolium.
REFERENCE 1 (bases 1 to 25)
AUTHORS Ikeda, S.
TITLE loliium multiflorum EST Project
JOURNAL Unpublished (2004)

COMMENT

Contact: Seishi Ikeda
 Japan Grassland Farming Forage Seed Association (JFSA)
 Forage Crop Research Institute (FCRI)
 Higashikada 388-5, Nishinasuno, Tochigi 329-2742, Japan
 Tel: 81-287-37-6757
 Fax: 81-287-37-6757
 Email: sikedat6@jfsa.or.jp
 contact:Tadasshi Takamizo (takamizo@affrc.go.jp)
 National Institute of Livestock and Grassland Science, Nishinasuno
 Resistance gene analog.
 Location/Qualifiers

FEATURES
 source
 1. 25
 /organism="Lolium multiflorum"
 /mol_type="mRNA"
 /db_xref="taxon:4521"
 /clone="FL023C10-5"
 /tissue_type="inflorescence"
 /clone_lib="FL"

Query Match 0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 276 CTCTTCTCTCTCTCTCT 295
 |||||
 24 CTAGTCTCTCTCTCTCT 5

RESULT 111 25 bp mRNA linear EST 07-MAY-2003
LOCUS CD028814/c
DEFINITION mgc8009xP04.f b Magnaporthe grisea CS Uni-Zap XR Library Magnaporthe
 grisea cDNA clone mgc8009xP04 5', mRNA sequence.
ACCESSION CD028814
VERSION CD028814.1 GI:30410270
KEYWORDS EST.
SOURCE Magnaporthe grisea (anamorph: Pyricularia grisea)
ORGANISM Magnaporthe grisea
 Eukaryota; Fungi; Ascomycota; Pezizomycotina; Sordariomycetes;
 Sordariomycetes; Incertae sedis; Magnaporthaceae; Magnaporthe.
REFERENCE 1 (bases 1 to 25)
AUTHORS Ebbole, D.J., Yuan, J., Thomas, T.L., Bobrowicz, P., Lu, G.,
 Bhatterai, K. and Dean, R.A.
TITLE Expressed sequence tags from the rice blast fungus, Magnaporthe
 grisea
JOURNAL Unpublished (2002)
COMMENT Contact: Ebbole DJ
 Department of Plant Pathology & Microbiology
 Texas A&M University
 Peterson Bldg, MS2132, College Station, TX 77843-2132, USA
 Tel: 979 845 4831
 Fax: 979 845 6483
 Email: d-ebbole@tamu.edu
 Chromatogram file of this sequence is available, see contact
 person;
PCR PRIMERS
FORWARD: T3 primer
BACKWARD: T7 primer
Plate: mgc8009 row: P column: 04
Seq primer: T3.
FEATURES
 source
 1. 25
 /organism="Magnaporthe grisea"
 /mol_type="mRNA"
 /strain="Guy11"
 /db_xref="taxon:148305"
 /clone="mgc8009xP04"
 /sex="Mati-2 hermaphrodite"
 /cell_type="condita"
 /clone_lib="Magnaporthe grisea CS Uni-Zap XR Library"
 /note="Vector: pBluescriptSK-; Site 1: EcoRI; Site 2:
 XhoI; Unidirectional cloning. EcoRI site has T3 primer and
 predominantly 5' reads. T7 primer on XhoI side of insert."

electrophoresis. Vector DNA was prepared from a derivative

OL PWD42 (G1|4/32114|9D|AF1230/2.1), a copy-number

Inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 1.2e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1132 ACCTGAGAAAGTACCACTG 1154
|||||
2 ACCTGAGAAAGTACCACTG 24

RESULT 114
AG196149/c
LOCUS
DEFINITION Pan troglodytes DNA, clone: RP43-075K10.TJ, genomic survey
ACCESSION AG196149
VERSION AG196149.1 GI:45228325
KEYWORDS GSS.
SOURCE Pan troglodytes (chimpanzee)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Pan.

REFERENCE
AUTHORS
1 Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J.,
Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
BAC end sequences of library RP-43

TITLE
JOURNAL
REFERENCE
AUTHORS
1 Unpublished
2 (bases 1 to 25)
Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J.,
Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
Direct Submission
Submitted (07-JUN-2002) Hong-Seog Park, Korea Research Institute of
Biotechnology and Biotechnology (KRIIB), Genome Research Center (GRC);
55, Oun-dong, Yusong-gu, Daejeon 305-333, Korea
(E-mail: redstone@mail.kribb.re.kr, URL: http://phs.grc.kribb.re.kr/,
Tel: 82-42-866-7181, Fax: 82-42-860-4409)
Clones are derived from the chimpanzee BAC library RP-43 This BAC
end was generated during the R&D process and may have higher chance
of clone tracking errors.
PRIMERS
Sequencing: TJ

LIBRARY
Vector : pBACg3.6
R.Site 1 : EcoRI
R.Site 2 : EcoRI
Location/Qualifiers
1. 25
/organism="Pan troglodytes"
/mol_type="genomic DNA"
/db_xref="taxon:9598"
/clone="RP43-075K10.TJ"
/sex="male"
/cell_type="lymphocytes"
/clone_lib="RP-43 Chimpanzee Male BAC library"

COMMENT
Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

FEATURES
source

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3649 CCCCAGCCCTGCGGAGACCGGC 3671
|||||
25 CCCCAGCCCTGCGGAGACCGGC 3

RESULT 115
AZ983014
LOCUS
DEFINITION AZ983014 19 bp DNA linear GSS 27-Apr-2001

DEFINITION
2M0264H02F Mouse 10kb plasmid UUGC2M library Mus musculus genomic
clone UUGC2M0264H02 F, genomic survey sequence.

ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
Mus musculus (house mouse)

REFERENCE
AUTHORS
1 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausen, A. and Wright, D. Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
Contact: Robert B. Weis
University of Utah Genome Center
University of Utah
Km. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0264 row: H column: 02
Seq primer: CGTTGTAAACGACGCGCCACT
Class: plasmid ends
High quality sequence stop: 19.
location/Qualifiers

FEATURES
source
1. 19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0264H02"
/sex="female"
/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: pMD2env; Purified genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (g14732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
adapted vector DNA, and transformed into
chemically-competent *E. coli* XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.3%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 76;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTCTCTCTCTCT 287
|||||
2 CTCTCTCTCTCTCTCTCTCT 19

RESULT 116
CF339443
LOCUS
DEFINITION CF339443 20 bp mRNA linear EST 18-AUG-2003
RCL1--04-003.g1 Regenerated callus lambda phage cDNA library (RCL1)

ACCESSION	VERSION	KEYWORDS	SOURCE	ORGANISM	REFERENCE	AUTHORS	TITLE	JOURNAL	COMMENT
CP339443									
CP339443.1	GI:33827271								
EST.									
Oryza sativa (japonica cultivar-group)									
Oryza sativa (japonica cultivar-group)									
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Euphorbiaceae; Oryzaceae; Oryza.									
1 (bases 1 to 20)									
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C., Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.									
Large-scale Sequencing Analysis of Rice ESTs									
Unpublished (2003)									
Contact: Nahm B.H.									
Genomics and Genetics Institute, GreenGene Biotech Inc., Division of Bioscience and Bioinformatics, Myongji University									
Yongin, Kyonggi, Korea									
Tel: 82 31 330 6193									
Fax: 82 31 321 6355									
Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.									
location/Qualifiers									
1..20									
/organism="Oryza sativa (japonica cultivar-group)"									
/mol_type="mRNA"									
/cultivar="Nackdong"									
/db_xref="taxon:39947"									
/clone="RC11--04-003"									
/tissue_type="callus"									
/dev_stage="proliferated callus on 2N6 media for 30 days"									
/lab_host="E.coli SOLR"									
/clone_lib="Regenerated callus lambda phage cDNA library (RC11)"									
/note="Vector: pBluescript SK(+); Site 1: SalI; Site 2: XhoI; cDNA was inserted into lambda Uni-ZAP XR vector at 5' end with SacI and 3' end with XhoI site. Callus was induced on 2N6 media for 30 days and cultured for 36hrs on regenerated media"									
Query Match	0.3%	Score 15.8;	DB 1;	Length 20;					
Best Local Similarity	89.5%	Pred. No. 99;							
Matches 17;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;					
QY	3918	CCGACCGCGCGCGCGCGC	3936						
DB	19	CCGCGCGCGCGCGCGCGC	1						
RESULT 117									
LOCUS	AM245566/c								
DEFINITION	AM245566	23 bp	mRNA	linear	EST 07-JAN-2000				
ACCESSION	AM245566								
VERSION	AM245566								
KEYWORDS	AM245566.1	GI:6588559							
SOURCE	EST.								
ORGANISM	Homo sapiens (human)								
REFERENCE	Homo sapiens								
AUTHORS	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.								
TITLE	1 (bases 1 to 23)								
JOURNAL	NIH-MGC http://mgi.nci.nih.gov/								
COMMENT	Unpublished (1999)								
	Other ESTs: 2822872.3ptm								
	Contact: Robert Strausberg, Ph.D.								
	Email: cga@ber-remail.nih.gov								
	Tissue Procurement: DCTD/DRP cDNA Library Preparation: Ling Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LINL) DNA Sequencing by: Berkeley MGC sequencing project Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LINL at:								

FEATURES

Source

www-bio.1lnl.gov/bdrip/image/image.html Base Calling / Quality Scores: PHRED from University of Washington Genome Center. Vector Trimming: cross_match from University of Washington Genome Center PHRAP suite. Poly-T Identification: patmatch.pl from Berkeley Drosophila Genome Project. University of Washington Genome Center: <http://www.genome.washington.edu> Very Low Quality Sequence: Trace file contained 23 contiguous distinct peaks following vector sequence. Short Insert: Based upon the presence of vector at both ends of the untrimmed sequence, this clone probably contains a cDNA insert of approximately 23 bases.

Plate: L1CMI0 row: 1 column: 17

High quality sequence stop: 468.

Location/Qualifiers

1. .23

/organism="Homo sapiens"

/mol_type="rRNA"

/db_xref="taxon:9606"

/clone="IMAGE:2822872"

/tissue_type="small cell carcinoma"

/cell_line="MGC3"

/lab_host="DH10B (phage-resistant)"

/clone_idb="NIH_MGC 7"

/note="Organ: lung; Vector: pOT8; Site_1: XhoI; Site_2: EcoRI; cDNA made by oligo-dT priming. Directionally cloned into EcoRI/XhoI sites using the following 5' adaptor: GGCACGAG(G). Size-selected >500bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies)."

QY	280	TTCTCTCTCTCTCTCTTCG	298	0.34; Score 15.8; DB 1; Length 23;
Db	20	TTCTCTCTCTCTCTCTGTCG	2	99.5%; Pred. No. 1.3e+02;
				Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
RESULT 118				
LOCUS	A2478403	24 bp	DNA	linear
DEFINITION	M0299N21F Mouse 10kb plasmid UGCG1 library Mus musculus genomic clone UGCG1M0299N21 F, genomic survey sequence.			
ACCESSION	A2478403			
VERSION	A2478403.1	GI:10637221		
KEYWORDS	GSS.			
SOURCE	Mus musculus (house mouse)			
ORGANISM	Mus musculus			
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.			
REFERENCE	1 (bases 1 to 24)			
AUTHORS	Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Isalam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Rallay,W., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.			
TITLE	Mouse whole genome scaffolding with paired end reads from 10kb plasmid insects			
JOURNAL	Unpublished (2000)			
COMMENT	Contact: Robert B. Weiss University of Utah Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA Tel: 801 585 5606 Fax: 801 585 7177 Email: ddunn@genetics.utah.edu Insert Length: 10000 Std Error: 0.00 Plate: 0298 row: N column: 21 Seq primer: CCGTGTAAACGACGCCCACT Class: plasmid ends High quality sequence stop: 24.			

Best Local Similarity 81.8%; Pred. No. 1.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 265 CCCCCCTCTCTCTCTCTCTC 285
DB 22 CCCCCCTCTCTCTCTCTCTC 1

RESULT 121
LOCUS CF309796/c
DEFINITION 22 bp mRNA linear EST 15-AUG-2003
ABF--04-C02.b1 ABF3-overexpressing transgenic rice plasmid cDNA
library (ABF) Oryza sativa (japonica cultivar-group) cDNA clone
ABF--04-C02, mRNA sequence.
CF309796
CF309796.1 GI:33681557

ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
EST.
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Eubacteriidae; Oryzaceae; Oryza.

REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
1 (bases 1 to 22)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
Contact: Nahm B.H.
Genomic and Genetic Institute, Greengene Biotech Inc.; Division
of Bioscience and Bioinformatics, Myongji University
Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.

FEATURES
source
location/Qualifiers

1..22
/organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39347"
/clone="ABF--04-C02"
/tissue_type="leaf"
/dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
/cna_lib="ABF3-overexpressing transgenic rice plasmid
cDNA library (ABF)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; Leaf was dried
for 2hrs. Oligo-capped mRNA was reverse transcribed and
then used for PCR. mRNA was prepared from ABA-responsive
element binding transcription factor 3 overexpression
line."

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 278 CTTCTCTCTCTCTCTCTGCT 299
DB 22 CTTCTCTCTCTCTCTCTCTCT 1

RESULT 122
LOCUS AM245303
DEFINITION 23 bp mRNA linear EST 07-JAN-2000
2822872.3prtime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2822872 3',
mRNA sequence.

ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
AM245303
AM245303
AM245303.1 GI:6588296
EST.
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
1 (bases 1 to 23)
NIH-MGC <http://mhc.nci.nih.gov/>.
National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished (1999)
Other_ESTs: 2822872.5prtime
Contact: Robert Strausberg, Ph.D.
Email: cgabbs-r@mail.nih.gov
Tissue Procurement: DCTD/DCP cDNA Library Preparation: Ling
Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E.
Consortium (ILNL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/ILNL at:
www.bio.illn.gov/bbtp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washington Genome Center. Vector
Trimming: cross match from University of Washington Genome Center
PHRAP suite. Poly-T Identification: patmatch.pl from Berkeley
Drosophila Genome Project. University of Washington Genome Center:
<http://www.genome.washington.edu> Very Low Quality Sequence: Trace
file contained 23 contiguous distinct peaks following vector
sequence. Short insert: Based upon the presence of vector at both
ends of the untrimmed sequence, this clone probably contains a cDNA
insert of approximately 23 bases.
Plate: LICM10 row: I column: 17
High quality sequence spot: 460.

FEATURES
source
location/Qualifiers

1..23
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2822872"
/tissue_type="small cell carcinoma"
/cell_line="MGC3"
/lab_host="DH10B (phage-resistant)"
/clone_lib="NIH MGC 7"
/note="Organ: lung; Vector: pORF7; Site_1: XhoI; Site_2:
EcoRI; cDNA made by oligo-dT priming. Directionally
cloned into EcoRI/XhoI sites using the following 5'
adapter: GGCACGAG(G). Size-selected >500bp for average
insert size 1.8kb. Library constructed by Ling Hong in
the laboratory of Gerald M. Rubin (University of
California, Berkeley) using ZAP-cDNA synthesis kit
(Stratagene) and Superscript II RT (Life Technologies)."

Query Match 0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 276 CTTCTCTCTCTCTCTCTCTG 297
DB 2 CTAGTCTCTCTCTCTCTCTCTG 23

RESULT 123
LOCUS BX558114
DEFINITION 23 bp mRNA linear EST 10-OCT-2003
BX558114 Glosina moritans moritans adult infected gut Glosina
moritans moritans cDNA clone Tse36502_g1c, mRNA sequence.

ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
BX558114
BX558114
BX558114.1 GI:33429261
EST.
Glosina moritans moritans
Glosina moritans moritans
Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
Hippoboscidae; Glossinidae; Glosina.

REFERENCE
AUTHORS
TITLE
JOURNAL
Lehane,M.J., Aksoy,S., Gibson,W., Kertornou,A., Berriman,M.,
Hamilton,D., Soares,M.B., Bonaldo,M.F., Lehane,S. and Hall,N.
Adult midgut expressed sequence tags from the tsetse fly Glosina
moritans moritans and expression analysis of putative immune
response genes

JOURNAL
MEDLINE
Genome Biol. 4 (10), R63 (2003)
22881942

PUBMED COMMENT

14519198
Contact: Hall N
Pathogen Sequencing Unit
The Sanger Institute The Wellcome Trust Genome Campus
Hinxton, Cambridge, CB10 1SA, UK
Request for clones, please contact: Mike Lehane
Prof. M.J. Lehane
School of Biological Sciences,
University of Wales,
Bangor L157 2UW

All clones with suffix q1c are reverse primer reads starting at 5' end of the cDNA all pic reads are from the 3' end.

FEATURES

source Location/Qualifiers

1.23
/organism="Glossina morsitans morsitans"
/mol_type="mRNA"
/sub_species="morsitans"
/db_xref="taxon:37546"
/clone="Tse3692.q1c"
/tissue_type="adult infected gut"
/clone_id="Glossina morsitans morsitans adult infected gut"
/note="country: Zimbabwe; EST from adult gut infected with T. Brucei"

Query Match

Best Local Similarity 0.3%; Score 15.6; DB 1; Length 23;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3980 GGGCGGCGACTACCGCACAAC 4001

Db 1 GGGCGGCGACGACGCGACAAC 22

RESULT 124

CF920973/c

LOCUS gmrhrw3-03_H06_1_034 Soybean root hair subtracted cDNA library 24 bp mRNA linear EST 05-NOV-2003

DEFINITION gmrhrw3 Glycine max cDNA, mRNA sequence.

ACCESSION CF920973

VERSION CF920973.1 GI:38191767

KEYWORDS EST.

SOURCE Glycine max (soybean)

ORGANISM Glycine max

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids I; Fabales; Fabaceae; Papilionoideae; Phaseoleae; Glycine.

1 (bases 1 to 24)
Scheffler,B.E., Huang,S., Liu,X., Nguyen,H., Duke,M. and Stacey,G.
Expressed sequence tags from soybean root hair subtractive cDNA library

JOURNAL COMMENT

Unpublished (2003)
Contact: Gary Stacey
University of Missouri
108 Waters Hall, Columbia, MO 65211, USA
Tel: 573-884-4752
Fax: 573-882-0588
Email: staceygm@missouri.edu

Single pass sequence
Seq primer: T7

FEATURES Location/Qualifiers

source 1..24

/organism="Glycine max"
/mol_type="mRNA"
/cultivar="Williams 82"
/db_xref="taxon:3847"
/tissue_type="root hairs"
/clone_id="Soybean root hair subtracted cDNA library gmrhrw3"
/note="Organ: root hairs; Vector: PCR2-1 Topo; cDNA clones generated from soybean root hair tissue treated with

Bradyrhizobium japonicum for 3 hours."

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5072 CCTATCTCTGTGGCTTTCAGCT 5093

Db 23 CCTTCTTGTGGCTTTCCTCT 2

RESULT 125

AZ811393

LOCUS 2M0077E06R Mouse 10kb plasmid UUGC1M library Mus musculus genomic 32 bp DNA linear GSS 20-FEB-2001

DEFINITION clone UUGC2M0077E06 R, genomic survey sequence.

ACCESSION AZ811393

VERSION AZ811393.1 GI:12979604

KEYWORDS GSS.

SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus

Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 32)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmud,M., Meenehan,E., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhausern,A. and Wright,D., Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

Unpublished (2000)
Contact: Robert B. Weiss

University of Utah Genome Center
University of Utah

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA

Tel: 801 585 5606
Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Scd Error: 0.00

Plate: 0077 Row: E Column: 06
Seq primer: CACACAGAAACAGCTATGACC

Class: plasmid ends
High quality sequence stop: 32.

FEATURES

source Location/Qualifiers

1..32

/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"

/db_xref="taxon:10090"
/clone="UUGC2M0077E06"

/sex="Male"

/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"

/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The

adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (GI:4732114|gb|AF129072.1), a copy-number

inducible derivative of plasmid RL. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to chemically-competent E. coli XL10-Gold (Stratagene) cells

and selected for ampicillin resistance."

Query Match 0.3%; Score 15.6; DB 1; Length 32;
 Best Local Similarity 70.0%; Pred. No. 2.3e+02;
 Matches 21; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 2805 GGAGAAATGAGAGAGAGAGAGAGAG 2834
 DB 2 GGAGAAAGAGAGAGAGAGAGAGAG 31

RESULT 126

AZ469557 23 bp DNA linear GSS 04-OCT-2000
 LOCUS 1M0283A09F Mouse 10kb plasmid UGCG1M library Mus musculus genomic
 DEFINITION clone UGCG1M0283A09 F, genomic survey sequence.

ACCESSION AZ469557
 VERSION AZ469557.1 GI:10627682

KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 23)

REFERENCE 1 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
 Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
 Niederhausern, A. and Wright, D., Weis, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts

JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weis
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA

Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0283 row: A column: 09
 Seq primer: CGTTGTAACGACGCGCCACT
 Class: plasmid ends
 High quality sequence stop: 23.
 Location/Qualifiers

FEATURES

source

1..23
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGCG1M0283A09"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UGCG1M library"
 /note="Vector: PMD42nv, Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of PMD42 (gi|473214|gb|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match 0.3%; Score 15.4; DB 1; Length 23;
 Best Local Similarity 94.1%; Pred. No. 1.5e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTCTCTCTC 286
 DB 7 CTCTCTCTCTCTCTC 23

RESULT 127

AZ435824 29 bp DNA linear GSS 03-OCT-2000
 LOCUS 1M0223P02F Mouse 10kb plasmid UGCG1M library Mus musculus genomic
 DEFINITION clone UGCG1M0223P02 F, genomic survey sequence.

ACCESSION AZ435824
 VERSION AZ435824.1 GI:10559837

KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 29)

REFERENCE 1 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
 Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
 Niederhausern, A. and Wright, D., Weis, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts

JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weis
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA

Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0223 row: P column: 02
 Seq primer: CGTTGTAACGACGCGCCACT
 Class: plasmid ends
 High quality sequence stop: 29.
 Location/Qualifiers

FEATURES

source

1..29
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGCG1M0223P02"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UGCG1M library"
 /note="Vector: PMD42nv, Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of PMD42 (gi|473214|gb|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match

0.3%; Score 15.4; DB 1; Length 29;

QY 2814 GAAGAGAGAGTGGGGGA 2833
 |||||
 Db 22 GAAGAGAGAGTGGGGGA 3

RESULT 130
 AZ803482 22 bp DNA linear GSS 16-FEB-2001
 LOCUS 2M063132R Mouse 10kb plasmid UGCG1M library Mus musculus genomic
 DEFINITION clone UGCG2M0063123 R, genomic survey sequence.

ACCESSION AZ803482
 VERSION A2803482.1 GI:12955805
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 22)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
 Relliy, M., Rose, M., Rose, R., Stokes, R., Tinney, A., von
 Niederhausern, A. and Wright, D., Weis, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weis
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert length: 10000 Std Error: 0.00
 Place: 0063 row: 1 column: 23
 Seq primer: CACACAGAGAAAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 22.
 Location/Qualifiers
 1..22
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGCG2M0063123"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UGCG1M library"
 /note="Vector: PMD42nv; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of PMD42 (g1473214|gb|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptor complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match 0.3%; Score 15.2; DB 1; Length 22;
 Best Local Similarity 85.0%; Pred. No. 1.4e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 439 GGCCTCCGCTCCCTCGGTG 458
 |||||
 Db 2 GGCCTCCTCCCATCGGTG 21

RESULT 131
 BG668047 18 bp mRNA linear EST 30-APR-2001
 LOCUS DRABUA12 Rat DRG Library Rattus norvegicus cDNA clone DRABUA12 5',
 DEFINITION DRNA sequence.

ACCESSION BG668047
 VERSION BG668047.1 GI:13889969
 KEYWORDS EST.
 SOURCE Rattus norvegicus (Norway rat)
 ORGANISM Rattus norvegicus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;
 Rattus.
 1 (bases 1 to 18)
 Xiao, H.S., Huang, Q.H., Zhang, F.X., Bao, L., Lu, Y.J., Guo, C.,
 Yang, L., Huang, W.J., Fu, G., Xu, S.H., Cheng, X.P., Yan, Q., Zhu, Z.D.,
 Zhang, X., Chen, Z., Han, Z.G. and Zhang, X.
 Identification of gene expression profile of dorsal root ganglion
 in the rat peripheral axotomy model of neuropathic pain
 Proc. Natl. Acad. Sci. U.S.A. 99 (12), 8360-8366 (2002)
 22056133
 MEDLINE 12060780
 PUBMED
 Contact: Zhang Xu
 Laboratory of Sensory System
 Institute of Neuroscience
 320 Yue Yang Road, Shanghai 200031, P.R. China
 Tel: 86-21-64748700-121
 Fax: 86-21-64713446
 Email: xu.zhang@ion.ac.cn
 This clone is also available at Chinese National Human Genome
 Center at Shanghai, 351 Guo Shoujing Road, Zhangjiang Hi-Tech Park,
 Pudong New Area, P.R. China. Please contact with Zhang Xu
 (xu.zhang@ion.ac.cn) or Han Zeguang (hanzg@chgc.sh.cn)
 PCR Primers
 FORWARD: T3
 BACKWARD: T7
 Seq primer: T3
 POLYA=No.
 Location/Qualifiers
 1..18
 /organism="Rattus norvegicus"
 /mol_type="mRNA"
 /strain="Sprague-Dawley"
 /db_xref="taxon:10116"
 /clone="DRABUA12"
 /sex="male"
 /tissue_type="dorsal root ganglion"
 /dev_stage="adult"
 /clone_lib="Rat DRG Library"

Query Match 0.3%; Score 15; DB 1; Length 18;
 Best Local Similarity 100.0%; Pred. No. 99;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCTCT 295
 |||||
 Db 1 TCTCTCTCTCTCTCT 15

RESULT 132
 AZ310681 23 bp DNA linear GSS 29-SEP-2000
 LOCUS 1M0025F13R Mouse 10kb plasmid UGCG1M library Mus musculus genomic
 DEFINITION clone UGCG1M0025F13 R, genomic survey sequence.

ACCESSION AZ310681
 VERSION AZ310681.1 GI:10352903
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus
REFERENCE 1 (bases 1 to 23)
AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausen,A. and Wright,D.,Weiss,R.
TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0025 row: F column: 13
Seq primer: CACACAGAAACACCTATGAC
Class: plasmid ends
High quality sequence stop: 23.
Location/Qualifiers
1. .23
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUCG1M0025F13"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, Ti-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUCG1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 (g1|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1951 CCATCCACAGCTCTGGACATC 1973
Db 1 CCAGCCACCCCCACAGACATC 23

RESULT 133
AZ440100/c 23 bp DNA linear GSS 03-OCT-2000
LOCUS 1M0231F04F Mouse 10kb plasmid UUCG1M library Mus musculus genomic
DEFINITION clone UUCG1M0231F04 F, genomic survey sequence.
ACCESSION AZ440100
VERSION AZ440100.1 GI:10564113
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE 1 (bases 1 to 23)
AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausen,A. and Wright,D.,Weiss,R.
TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0231 row: F column: 04
Seq primer: CCGTGTAAACGACGCCACT
Class: plasmid ends
High quality sequence stop: 23.
Location/Qualifiers
1. .23
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUCG1M0231F04"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, Ti-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUCG1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 (g1|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 274 CTCTCTTCTCTCTCTCTCTT 296
Db 23 CTCTCTTCTCTCTCTCTT 1

RESULT 134
AZ760383 23 bp DNA linear GSS 16-FEB-2001
LOCUS 1M0554C08F Mouse 10kb plasmid UUCG1M library Mus musculus genomic
DEFINITION clone UUCG1M0554C08 F, genomic survey sequence.
ACCESSION AZ760383
VERSION AZ760383.1 GI:12868158
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

REFERENCE 1 (bases 1 to 23)
 AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
 TITLE Mouse whole genome scaffolding with paired end reads from 10Kb plasmid inserts
 JOURNAL Unpublished (2000)
 COMMENT Contract: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0554 row: C column: 08
 Seq primer: CGTTGTAAACGACGCGCAGT
 Class: plasmid ends
 High quality sequence stop: 23.

FEATURES
 source Location/Qualifiers
 1..23
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGCIM0554C08"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, TI-resistant, F-"
 /clone_1ib="Mouse 10kb plasmid UGCGIM library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (G14732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 15; DB 1; Length 23;
 Best Local Similarity 78.3%; Pred. No. 1.6e+02;
 Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1797 GGCGAGGAAAGCGCGGACGA 1819
 Db 23 GACGAGGAAATGACGCGGCGCA 1

RESULT 135
 AZ763749 23 bp DNA 1linear GSS 16-FEB-2001
 LOCUS 1M0559B19F Mouse 10kb plasmid UGCGIM library Mus musculus genomic
 DEFINITION clone UGCGIM0559B19 F, genomic survey sequence.
 ACCESSION AZ763749
 VERSION AZ763749.1 GI:12875096
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1 (bases 1 to 23)
 AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
 TITLE Mouse whole genome scaffolding with paired end reads from 10Kb plasmid inserts
 JOURNAL Unpublished (2000)
 COMMENT Contract: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0559 row: B column: 19
 Seq primer: CGTTGTAAACGACGCGCAGT
 Class: plasmid ends
 High quality sequence stop: 23.

FEATURES
 source Location/Qualifiers
 1..23
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGCIM0559B19"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, TI-resistant, F-"
 /clone_1ib="Mouse 10kb plasmid UGCGIM library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (G14732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 15; DB 1; Length 23;
 Best Local Similarity 78.3%; Pred. No. 1.6e+02;
 Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4616 GCCCTCCTGAGTGAACAAGG 4638
 Db 1 GTCTCTGCTGACTGAGGAGCG 23

RESULT 136
 B0594437 18 bp mRNA 1linear EST 06-DEC-2002
 LOCUS E012442-024-024-M20-SP6 MPZ-ADIS-024-developing root Beta vulgaris
 DEFINITION cDNA clone 024-024-M20 5-PRIME, mRNA sequence.
 ACCESSION B0594437
 VERSION B0594437.1 GI:26124020
 KEYWORDS EST.
 SOURCE Beta vulgaris
 ORGANISM Beta vulgaris
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.

REFERENCE 1 (bases 1 to 18)
 AUTHORS Herwig,R., Schulz,B., Weishaar,B., Hennig,S., Steinfach,M., Drungowski,M., Stahl,D., Wruck,M., Menze,A., O'Brien,J., Lehrich,H. and Kadelof,U.
 TITLE Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes
 JOURNAL Plant J. 32 (5), 845-857 (2002)
 MEDLINE 22362189
 PUBMED 12472698
 COMMENT Contact: Weishaar B
 ADIS DNA core facility at MPIZ
 Max-Planck-Institute for Plant Breeding Research
 Carl-von-Linne Weg 10, 50829 Koeln, Germany
 Fax: 00492215062851
 Email: weishaar@mpiz-koeln.mpg.de
 Insert Length: 18 Std Error: 0.00
 Plate: 24 row: M column: 20
 Seq primer: SP6; CATACGATTTCAGTGACACTATAG.
 Location/Qualifiers
 1..18
 /organism="Beta vulgaris"
 /mol_type="mRNA"
 /cultivar="KWS2320 (double haploid, monogerm breeding line)"
 /db_xref="GABI:192416"
 /db_xref="taxon:161934"
 /clone="024-024-M20"
 /issue_type="developing root"
 /lab_host="EMDH10B"
 /clone_1lb="MP12-ADIS-024-developing root"
 /note="Vector: PCMVSPORT6; Site 1: SalI; Site 2: NotI; cDNA library from sugar beet, library provided by KWS Kleinfeldener Saatgut AG Einbeck, Germany, contact: b.schulze@kws.de; cloning sites SalI-NotI, primer sites and orientation:
 SP6-SalI-CCACGCGTCG-5prime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
 Best Local Similarity 88.9%; Pred. No. 1e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 272 CTCCTCTCTCTCTCTCT 289
 |||||
 18 CTCCTCTCTCTCTCTCT 1

RESULT 137
 AB094448/c
 LOCUS
 DEFINITION
 ACCESSION
 VERSION
 SOURCE
 KEYWORDS
 ORGANISM
 EST.
 Oryza sativa (japonica cultivar-group)
 Oryza sativa (japonica cultivar-group)
 Eukaryote; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzaceae; Oryza.
 1 (bases 1 to 22)
 Mano,H., Noguchi,M., Oshima,T., Yoneyama,T., Hayashi,H. and Fujiwara,T.
 Small RNAs detected in the rice phloem sap
 Unpublished (2003)
 Contact: Hiromori Mano
 Plant Genome Center Co., Ltd
 Kannondai-1-25-2, Tsukuba, Ibaraki 305-0856, Japan
 Tel: 81-298-39-4823
 Email: hmano@pgcna.co.jp.

FEATURES
 source
 Location/Qualifiers
 1..22
 /organism="Oryza sativa (japonica cultivar-group)"
 /mol_type="mRNA"
 /cultivar="Nipponbare"
 /db_xref="taxon:39947"
 /clone="PA568"
 /issue_type="phloem"
 /clone_1lb="lambda Triplex2 rice phloem sap cDNA"

Query Match 0.3%; Score 14.8; DB 1; Length 22;
 Best Local Similarity 88.9%; Pred. No. 1.6e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 279 TTTCTCTCTCTCTCTCTT 296
 |||||
 21 TTTCTCTCTCTCTCTTT 4

RESULT 138
 AZ494388
 LOCUS
 DEFINITION
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM
 GSS.
 Mus musculus (house mouse)
 Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 22)
 Dunn,D., Aoyagi,A., Barber,M., Beacom,T., Duval,B., Hamil,C., Islem,H., Longacre,S., Mahmood,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weis,R.
 Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center.
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0329 row: C column: 07
 Seq primer: CACACAGAAACGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 22.
 Location/Qualifiers
 1..22
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC1M0329C07"
 /sex="Male"
 /lab_host="R. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_1lb="Mouse 10kb plasmid UUGC1M library"
 /note="Vector: PWD22Nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel

electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 14.8; DB 1; Length 22;

Best Local Similarity 88.9%; Pred. No. 1.6e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4754 GCTAGGCTGAGACAGG 4771

Db 3 GGTAGGCTGAGACAGG 20

RESULT 139
A2803482 22 bp DNA linear GSS 16-FEB-2001
LOCUS A2803482.1
DEFINITION clone UNGC2M0063123 R, genomic survey sequence.

ACCESSION A2803482.1 GI:12955805
VERSION A2803482.1
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 22)
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D., Weis, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished (2000)

COMMENT Contact: Robert B. Weis
University of Utah Genome Center

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA

Tel: 801 585 5606
Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plates: 0063 row: 1 column: 23

Seq primer: CACACAGAAACGCTATGACC

Class: plasmid ends

High quality sequence stop: 22.

FEATURES
source location/Qualifiers

1..22

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UNG2M0063123"

/sex="Male"

/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"

/clone_lib="Mouse 10kb plasmid UNGC1M library"

/note="Vector: PMD42nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA

was hydrodynamically sheared by repeated passage through a

0.005 inch orifice at constant velocity. The sheared DNA

was blunt end-repaired with T4 DNA polymerase and T4

polynucleotide kinase. Adaptor oligonucleotides were

ligated to the blunt ends in high molar excess. The

adaptor DNA was purified and size-selected for a 9.5 to

10.5 kb range using preparative agarose gel

electrophoresis. Vector DNA was prepared from a derivative

of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 1.6e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4025 GCACCGGCGCGGAGAGGCGCC 4045

Db 22 GCACCGATGAGAGAGAGGCC 2

RESULT 140
A1157560 22 bp mRNA linear EST 30-SEP-1998
LOCUS A1157560.1
DEFINITION u56605.r1 Soares mammary gland NMLMG Mus musculus cDNA clone IMAGE:1495160 5' similar to SW:SELP_MOUSE P70274 SELENOPROTEIN P PRECURSOR. [1], mRNA sequence.

ACCESSION A1157560.1 GI:3686029
VERSION A1157560.1
KEYWORDS EST.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 22)
AUTHORS Marra, M., Hillier, L., Allen, M., Bowles, M., Dietrich, N., Dubuque, T., Geisler, S., Kuehba, T., Lacy, M., Le, M., Martin, J., Morris, M., Schellenberg, K., Steptoe, M., Tan, F., Underwood, K., Moore, B., Theising, B., Wylie, T., Lennon, G., Soares, B., Wilson, R. and Waterston, R.

TITLE The WashU-HMI Mouse EST Project

JOURNAL Unpublished (1996)

COMMENT Contact: Maria M. Mouse EST Project
WashU-HMI Mouse EST Project

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: mouseest@wustl.edu

This clone is available royalty-free through LNL; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.

MGI:932764

Trace considered overall poor quality

Possible reversed clone; similarity on wrong strand

Seq primer: -28m13 rev2 ET from Amerham

High quality sequence stop: 1.

FEATURES
source location/Qualifiers

1..22

/organism="Mus musculus"

/mol_type="mRNA"

/db_xref="taxon:10090"

/clone="IMAGE:1495160"

/sex="female (lactating)"

/tissue_type="mammary gland"

/lab_host="DH10B"

/clone_lib="Soares mammary gland NMLMG"

/note="Vector: pRTT3D-Pac (Pharmacia) with a modified

polylinker; 1st strand cDNA was prepared from mammary

gland tissue from a lactating female, and was then primed

with a Not I - oligo(dT) primer. Double-stranded cDNA was

ligated to Eco RI adaptors (Pharmacia), digested with Not

I and cloned into the Not I and Eco RI sites of the

modified pRTT3 vector. Library is normalized. Library

was constructed by Bento Soares and M. Fatima Bonaldo."

Query Match 0.3%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 1.6e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 709 AGGCATCCGAGGCTCTCCA 729
 ||||| ||||| ||||| |||||
 Db 22 AGGCACCTGAGGCTCTCCA 2

RESULT 141
 A1679260/c 22 bp mRNA linear EST 26-MAY-1999
 LOCUS t162d08.x1 NCI CGAP Gas4 Homo sapiens cDNA clone IMAGE:2255631 3'
 DEFINITION similar to TR:069340 069340 ORF1, ORF2, AND ORF3. ; contains element
 M81 repetitive element ; mRNA sequence.

ACCESSION A1679260.1 GI:4889442
 VERSION EST.
 KEYWORDS Homo sapiens (human)
 SOURCE Homo sapiens
 ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1 (bases 1 to 22)
 AUTHORS NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
 TITLE National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
 Tumor Gene Index
 JOURNAL Unpublished (1997)
 COMMENT Contact: Robert Strausberg, Ph.D.
 Email: cgapdb-remail.nih.gov
 Tissue Procurement: Christopher Moskalko, M.D., Ph.D., Michael R.
 Emmert-Buck, M.D., Ph.D.
 CDNA Library Preparation: Life Technologies, Inc.
 CDNA Library Arrayed by: Greg Lennon, Ph.D.
 DNA Sequencing by: Washington University Genome Sequencing Center
 Clone distribution: NCI-CGAP clone distribution information can be
 found through the I.M.A.G.E. Consortium/LLNL at:
 www-bio.llnl.gov/bdpr/image/image.html

FEATURES
 source
 Trace considered overall poor quality
 Seq primer: -40UP from Gibco
 High quality sequence stop: 1.
 Location/Qualifiers
 1..22
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clone="IMAGE:2255631"
 /rname_type="poorly differentiated adenocarcinoma with
 signed ring cell features"
 /lab_host="DH10B"
 /clone_lib="NCI CGAP Gas4"
 /note="Organ: stomach; Vector: pCMV-SPORT6; Site: 1; Salt:
 Site: 2; NCI; Cloned unidirectionally. Primer: Oligo dt.
 Average insert size 1.69 Kb. Life Technologies catalog #: 11549-011"

Query Match 0.3%; Score 14.6; DB 1; Length 22;
 Best Local Similarity 81.0%; Pred. No. 1.6e+02;
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5019 AGGAGAGGTGGGCTTGGT 5039
 ||||| ||||| ||||| |||||
 Db 21 AGGGGGGGGGGGGGCTTGGT 1

RESULT 142
 AG203045/c 22 bp DNA linear GSS 06-MAR-2004
 LOCUS Pan troglodytes DNA, clone: RP43-087A06.T7, genomic survey
 DEFINITION sequence.
 ACCESSION AG203045
 VERSION AG203045.1 GI:45235220
 KEYWORDS GSS.
 SOURCE Pan troglodytes (chimpanzee)
 ORGANISM Pan troglodytes

REFERENCE
 AUTHORS
 TITLE
 JOURNAL
 REFERENCE
 AUTHORS
 TITLE
 JOURNAL
 COMMENT

REFERENCE
 1 (bases 1 to 22)
 AUTHORS Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J.,
 Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
 BAC end sequences of Library RP-43
 Unpublished
 2 (bases 1 to 22)
 AUTHORS Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J.,
 Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
 Direct Submission
 Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of
 Bioscience and Biotechnology (KRIIB), Genome Research Center (GRC);
 52, Oun-dong, Yusong-gu, Daejeon 305-333, Korea
 (E-mail: redstone@mail.kribb.re.kr, URL: http://pns.grc.kribb.re.kr/,
 Tel: 82-42-866-7181, Fax: 82-42-860-4409)
 Clones are derived from the chimpanzee BAC library RP-43 This BAC
 end was generated during the R&D process and may have higher chance
 of clone tracking errors.
 PRIMERS
 Sequencing: T7
 LIBRARY
 Vector : pBAC3.6
 R.Site 1 : EcoRI
 R.Site 2 : EcoRI.
 Location/Qualifiers
 1..22
 /organism="Pan troglodytes"
 /mol_type="genomic DNA"
 /db_xref="taxon:9598"
 /clone="RP43-087A06.T7"
 /sex="male"
 /cell_type="lymphocytes"
 /clone_lib="RP-43 Chimpanzee Male BAC library"

Query Match 0.3%; Score 14.6; DB 1; Length 22;
 Best Local Similarity 81.0%; Pred. No. 1.6e+02;
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4904 GTGGGAGCCATCAGCAGCA 4924
 ||||| ||||| ||||| |||||
 Db 21 GAGAGCAGCCCTCAGCAGCA 1

RESULT 143
 AZ636640 30 bp DNA linear GSS 13-DEC-2000
 LOCUS clone UUGC1M0495P01 R, genomic survey sequence.
 DEFINITION
 ACCESSION AZ636640
 VERSION AZ636640.1 GI:11758830
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 30)
 Dunn, D., Aoyagi, A., Barber, M., Beacom, T., Duval, B., Hamil, C.,
 Islam, H., Longacre, S., Mahmood, M., Meenen, E., Pedersen, T.,
 Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
 Niederhausen, A. and Wright, D. Weiss, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00

Plate: 0495 row: P column: 01
Seq primer: CACACAGGAACAGTATGACC
Class: plasmid ends
High quality sequence stop: 30.

	Query Match	0.3%	Score 14.6:	DB 1:	length 30;
	Best Local Similarity	69.0%:	Pred. No. 2.5e+02:		
	Matches	20;	Conservative	0;	Mismatches 9; Indels 0; Gaps 0
Oy	4409 TATGATTAATTAAATTAAATAATAA	4437			
Db	2 TATTATTATTATTATTATTATTATA	30			

RESULT 144				
AZ662785/C				
LOCUS	AZ662785	34 bp	DNA	linear
DEFINITION	1M0542001F Mouse 10kb plasmid UUCGIM library Mus musculus genomic clone UUCGIM0542001 F, genomic survey sequence.			
ACCESSION	AZ662785			
VERSION	AZ662785.1	GI:11799931		
KEYWORDS	GSS.			
SOURCE	Mus musculus (house mouse)			
ORGANISM	Mus musculus			
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sclurognathi; Muridae; Murinae; Mus.			
AUTHORS	1 (bases 1 to 34)			
	Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islami,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Rellay,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.			
TITLE	Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts			
JOURNAL	Unpublished (2000)			
COMMENT	Contact: Robert B. Weiss University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT 84112, USA Tel.: 801 585 5606 Fax: 801 585 7177 Email: ddunn@genetics.utah.edu Insert Length: 1000 Std Error: 0.00 Plate: 0542 row: 0 column: 01			

Seq primer:	CGTGTGTAAGACACGGCCAGT
Class:	plasmid ends
High quality sequence stop:	34.
Location/Qualifiers	
1.	34

Query Match	0.3%	Score 14.6	DB 1	Length 34
Best Local Similarity	69.0%	Pred. No. 2.8e+02		
Matches	20	Conservative	0	Mismatches 9
				Indels 0
				Gaps 0
QY	2806	GAGAAATGAAAGAGAGAGTGGGGGAG	2834	
DB	34	GAGAGAGCGAGAGAGCGGAGAGAGCGAG	6	

```

RESULT 145
LOCUS CL519798/c
DEFINITION CL519798 38 bp DNA linear GSS 02-APR-2004
SA15B12 Flanking Sequence Tag of Oryza sativa T-DNA insertion lines
sequence.
ORIGIN Oryza sativa (japonica cultivar-group) genomic, genomic survey
sequence.
ACCESSION CL519798
VERSION CL519798.1 GI:46146598
KEYWORDS GSS.
SOURCE Oryza sativa (japonica cultivar-group)
ORGANISM Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophytes; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzaceae; Oryza.
REFERENCE 1 (bases 1 to 38)
AUTHORS Sallaud, C., Gay, C., Larmande, P., Bee, M., Piffanelli, P., Pieguy, B.,
Droc, G., Regad, F., Bourgeois, B., Meynard, D., Perrin, C.,
Ghesquiere, A., Delseny, M., Glaszmann, J. C. and Guiderdoni, E.
TITLE High throughput T-DNA insertion mutagenesis in rice: A first step
towards in silico reverse genetics
JOURNAL Plant J. (2004) In press
COMMENT Contact: Guiderdoni
UNR PTA Biocrop program
CITAD
TA 40/03 ave Agropolis 34398 Montpellier cedex 5 FRANCE
TEl: 33467615629
Fax: 33467615605
Email: emmanuel.guiderdoni@citad.fr
Class: TDNA tagged.
Location/Qualifiers
1..38
SOURCE

```


b.schulz@kws.de; cloning sites SalI-NciI, primer sites and orientation:
 Spe-Sali-CCACGCGTCCG-Sp1rime-DNA-polYA-CC-NciI-T7; Note:
 Sequencing granted in the context of the GABI-Best
 project, local PI: Dr. Katharina Schneider, coordinator:
 Prof. Christian Jung; Sequence submission managed by
 RSPD/GABI-Primary database: <http://gabi.rzpd.de>

Query Match 0.3%; Score 14.4; DB 1; Length 17;
 Best local Similarity 93.8%; Pred. No. 1e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 282 CTCTCTCTCTCTCTG 297
 Db 1 CTCTCTCTCTCTCTG 16

RESULT 148
 AJ595204 18 bp DNA linear GSS 15-JAN-2004
 LOCUS Arabidopsis thaliana T-DNA flanking sequence, left border, clone
 DEFINITION 413C04, genomic survey sequence.
 ACCESSION AJ595204
 VERSION AJ595204.1 GI:37944828
 KEYWORDS GSS; left border; T-DNA flanking sequence.
 SOURCE Arabidopsis thaliana (thale cress)
 ORGANISM Arabidopsis thaliana

REFERENCE
 AUTHORS Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F.,
 Chauvin, S., Bechoche, M., Cruaud, C., Desrose, R., Pelletier, G.,
 Lepoint, L., Gabcho, M. and Lecharny, A.
 T-DNA integration into the Arabidopsis genome depends on sequences
 of pre-insertion sites
 EMBO Rep. 3 (12), 1152-1157 (2002)

TITLE
 JOURNAL
 MEDLINE
 PUBMED
 REFERENCE
 AUTHORS Balzergue, S.
 TITLE Direct Submission
 JOURNAL Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue
 Gaston Cremieux, 91057 Evry cedex, FRANCE
 COMMENT PCR was performed on DNA from transformants of Arabidopsis thaliana
 plants from INRA (Versailles). The DNA fragment(s) resulting from
 the PCR were directly sequenced from the left or the right border
 to determine the genomic sequence flanking the insertion. T-DNA
 derived sequences were removed. Information to order the
 corresponding mutant line and a link to a database providing a
 graphical display of the insertion site are available at
<http://dbsgap.versailles.inra.fr/publiclines/>. This sequence has
 been generated in the framework of the French plant genomics
 program "Genoplante" (<http://www.genoplante.com> and
<http://genoplante-info.infobiogen.fr>).

FEATURES
 source Location/Qualifiers

1..18
 /organism="Arabidopsis thaliana"
 /mol_type="genomic DNA"
 /cultivar="Massillaewskija"
 /db_xref="taxon:3702"
 /clone="413C04"
 /clone_1lb="Arabidopsis thaliana T-DNA insertion lines"
 misc_feature 1..18
 /note="T-DNA flanking sequence
 left border"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
 Best local Similarity 93.8%; Pred. No. 1.2e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 479 CCTGCCGCGCCGCG 494
 Db 1 CCTGCCGCGCGCCG 16

Db 2 CCTGCCGCGCGCCG 17

RESULT 149
 AZ815827 19 bp DNA linear GSS 20-FEB-2001
 LOCUS 2M0084K23F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
 DEFINITION clone UUGC2M0084K23 F, genomic survey sequence.
 ACCESSION AZ815827
 VERSION AZ815827.1 GI:12985735
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)

REFERENCE
 AUTHORS Mus musculus
 ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 19)
 Dunn, D., Moyagi, A., Barber, M., Beccorn, T., Duval, B., Hamil, C.,
 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Petersen, T.,
 Reilly, M., Rose, R., Rose, R., Stokes, R., Tingey, A., von
 Niederhausen, A. and Wright, D., Weis, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts

TITLE
 JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLG, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0084 row: K column: 23
 Seq primer: CGGTGTAACAGCAGCGCCAGT
 Class: plasmid ends
 High quality sequence step: 19.
 Location/Qualifiers

FEATURES
 source Location/Qualifiers
 1..19
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC2M0084K23"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_1lb="Mouse 10kb plasmid UUGC1M library"
 /note="Vector: PMD42mV. Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (<http://www.jax.org/resources/documents/dnares/>). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of PMD42 (gi|4732114|gb|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match 0.3%; Score 14.4; DB 1; Length 19;
 Best local Similarity 93.8%; Pred. No. 1.3e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1332 ATTGAAGACAGCTCA 1347
 Db 1 ATTGAAGACAGCTCA 16

RESULT 152
LOCUS AZ651177
DEFINITION 19 bp DNA linear GSS 14-DEC-2000
ACCESSION 1M0521C15R Mouse 10kb plasmid UGCGIM library Mus musculus genomic
VERSION clone UGCGIM0521C15 R, genomic survey sequence.
KEYWORDS
SOURCE AZ651177.1 GI:11786406
ORGANISM GSS.
Mus musculus (house mouse)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
JOURNAL Contact: Robert B. Weiss
COMMENT University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0521 row: C column: 15
Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.

FEATURES
source

1. 19
Location/Qualifiers
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCGIM0521C15"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCGIM library"
/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptor DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PMD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptor mouse DNA was annealed to
adaptor vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
4624 GGAGTGAGACAAAGGCTCG 4642
|||||
Db 1 GGAGTGAGACAAAGGCTCG 19

RESULT 153

AZ785573
LOCUS AZ785573
DEFINITION 19 bp DNA linear GSS 16-FEB-2001
ACCESSION 2M0029L02R Mouse 10kb plasmid UGCGIM library Mus musculus genomic
VERSION clone UGCGIM0029L02 R, genomic survey sequence.
KEYWORDS
SOURCE AZ785573.1 GI:12922467
ORGANISM GSS.
Mus musculus (house mouse)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
JOURNAL Contact: Robert B. Weiss
COMMENT University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0028 row: L column: 02
Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.

FEATURES
source

1. 19
Location/Qualifiers
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCGIM0029L02"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCGIM library"
/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptor DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PMD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptor mouse DNA was annealed to
adaptor vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
1823 TCGGACTTACATCCCCCAT 1841
|||||
Db 1 TCGGACTTACATCCCCCAT 19

RESULT 154
AZ858730

LOCUS	AZ858730	19 bp	DNA	linear	GENE 21-FEB-2001
DEFINITION	2M0164104F Mouse 10kb plasmid tUCG1M library Mus musculus genomic				
ACCESSION	clone tUCG2M0164104 F, genomic library sequence.				
VERSION	AZ858730				
KEYWORDS	AZ858730.1	GI:13052133			
SOURCE	GSS.				
ORGANISM	Mus musculus (house mouse)				
	Mus musculus				
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;				
	Mammalia; Eutheria; Rodentia; Scuriognathi; Muridae; Murinae; Mus.				
REFERENCE	1 (bases 1 to 19)				
AUTHORS	Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,				
	Iellam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,				
	Rellay,M., Rose,R., Stokes,R., Stokes,R., Tingey,A., von				
	Niedelhausern,A. and Wright,D.,Weiss,R.				
TITLE	Mouse whole genome scaffolding with paired end reads from 10kb				
	plasmid inserts				
JOURNAL	Unpublished (2000)				
COMMENT	Contact: Robert B. Weiss				
	University of Utah Genome Center				
	Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLG, UT				
	84112, USA				
	Tel.: 801 585 5606				
	Fax: 801 585 7177				
	Email: ddunn@genetics.utah.edu				
	Insert Length: 10000 Std Error: 0.00				
	Plate: 0164 row: 1 column: 04				
	Seq primer: CGGTGTAACGACGCGCCAGT				
FEATURES	Class: plasmid				
	High quality sequence stop: 19.				
source	1. .19				
	Location/Qualifiers				

Query Match	0.3%	Score 14.2	DB 1	Length 19
Best Local Similarity	84.2%	Pred. No. 1.4e+02		
Matches	16	Conservative	0	Mismatches 3
				Indels 0
				Gaps 0
QY	213	GAAGCCGCGGCAGCCGTG	231	
Db	1	GAACGCCGCTGCAGCCTTG	19	

RESULT 155
CF317946/c

CF317946	20 bp	mRNA	linear	EST 15-AUG-2003
LOCUS				

DEFINITION	HD-07-07-N06.g1 OSHDAG1-overexpressing transgenic rice plasmid cDNA library (HD) Orzyza sativa (japonica cultivar-group) cDNA clone HD-07-N06, mRNA sequence.
ACCESSION	CF317946
VERSION	CF317946.1
KEYWORDS	GI:33689707
SOURCE	EST.
ORGANISM	Orzyza sativa (japonica cultivar-group) Orzyza sativa (japonica cultivar-group) Embryophyta; Tracheophyta Eukaryota; Viridiplantae; Streptophyta Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Eriactoidae; Orzyzaceae; Orzyza. 1 (bases 1 to 20)
REFERENCE	Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C., Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H. Large-scale Sequencing Analysis of Rice ESTs unpublished (2003)
TITLE	Contact: Nahm B.H.
JOURNAL	Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, Myongji University Yongin, Kyeonggi, Korea Tel : 82 31 330 6193 Fax: 82 31 321 6355
COMMENT	Email: bhnahe@bio.com, bhnahe@bio.myongji.ac.kr. Location/Qualifiers
FEATURES	

Query Match	0.3%	Score 14.2	DB 1	Length 20
Best Local Similarity	84.2%	Pred. No. 1.5e+02		
Matches 16	Conservative 0	Mismatches 3	Indels 0	Gaps 0

OY	3922	CGCCGCGCGCGCGCGTCC	3940
Db	20	CGCGCGCGCGCGCGCGCC	2

RESULT 156			
LOCUS	AZ387816	20 bp	DNA
DEFINITION	1M0147B22R Mouse 10kb plasmid UGCG1M library Mus musculus genomic		
ACCESSION	clone UGCG1M0147B22 R, genomic survey sequence.		
VERSION	AZ387816		
KEYWORDS	AZ387816.1	GI:10501524	GSS.
SOURCE	Mus musculus	(house mouse)	
ORGANISM	Mus musculus		
REFERENCE	Bukaryote; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Scutognath; Muridae; Murinae; Mus.		
AUTHORS	1 (bases 1 to 20) Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Isalam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Rellay, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D. Weis, R.		
TITLE	Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts		
JOURNAL COMMENT	Unpublished (2000) Contact: Robert B. Weiss University of Utah Genome Center		
	University of Utah		

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0147 row: B column: 22
 Seq primer: CACACAGGAAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 20.

84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0107 row: D column: 03
 Seq primer: CACACAGGAAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 20.

FEATURES

FEATURES

Location/Qualifiers
 1..20
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUC2M0107D03"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_1lb="Mouse 10kb plasmid UUC2M library"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (G14732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Location/Qualifiers
 1..20
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUC2M0107D03"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_1lb="Mouse 10kb plasmid UUC2M library"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (G14732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 1.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 1.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 157
 AZ829601
 LOCUS 20 bp DNA linear GSS 20-FEB-2001
 DEFINITION 2M0107D03R Mouse 10kb plasmid UUC2M library Mus musculus genomic
 accession AZ829601
 VERSION AZ829601.1 GI:12399605
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

RESULT 158
 AZ972315/c
 LOCUS 20 bp DNA linear GSS 27-APR-2001
 DEFINITION 2M0246E09F Mouse 10kb plasmid UUC2M library Mus musculus genomic
 accession AZ972315
 VERSION AZ972315.1 GI:13843542
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE

REFERENCE

1 (bases 1 to 20)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamill, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

1 (bases 1 to 20)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamill, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

JOURNAL COMMENT

JOURNAL COMMENT

Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA

Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddum@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0246 Row: E Column: 09
 Seq primer: CGTTGTAAACGACGCCACGAT
 Class: plasmid ends
 High quality sequence stop: 20.

FEATURES

source

Location/Qualifiers
 1..20
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGC2M0246B09"
 /sex="Female"
 /lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
 /clone_id="Mouse 10kb plasmid UGC2M library"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (female) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (G|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match

Best Local Similarity 84.2%; Score 14.2; DB 1; Length 20;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 598 TCGTGGCGGACGAGTC 616
 Db 20 TAGTGGCTGCCGCGATTTC 2

RESULT 159
 CL668627/c
 LOCUS
 DEFINITION
 C1668627 20 bp DNA linear GSS 09-JUL-2004
 PRI0158b.B03 - PRI0158b.B21 (20) Note: Recurring String Mixed stage
 fosmid library of P. pacificus var. California Pristionchus
 pacificus genomic, genomic survey sequence.

ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM
 GSS
 Pristionchus pacificus
 Pristionchus pacificus
 Eukaryota; Metazoa; Nematoda; Chromadorea; Diplogasterida;
 Neodiplogasteridae; Pristionchus.

REFERENCE
 AUTHORS
 TITLE
 JOURNAL
 COMMENT
 1 (bases 1 to 20)
 Srinivasan,J., Otto,G.W., Kahlow,U., Geisler,R. and Sommer,R.J.
 Appads: an Aceds database for the nematode satellite organism
 Pristionchus pacificus
 Nucleic Acids Res. 32 (1), D421-D422 (2004)
 Contact: Sommer RJ
 Evolutionary Biology
 Max-Planck-Institute for Developmental Biology
 Spemannstr. 37-39, Tuebingen D-72076, Germany
 Tel.: 00497071601371
 Fax: 00497071601498
 Email: ralf.sommer@tuebingen.mpg.de

This library was generated at Caltech, Pasadena, USA and end

sequenced at Vancouver, Canada.
 Seq primer: T7
 Class: fosmid ends.

FEATURES

source

Location/Qualifiers
 1..20
 /organism="Pristionchus pacificus"
 /mol_type="genomic DNA"
 /strain="California"
 /db_xref="taxon:54126"
 /clone_id="Mixed stage fosmid library of P. pacificus
 var. California"
 /note="Vector: pcp1fos-5 Fosmid vector"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 1.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5085 CTTTCAGCTCTGCTCTT 5103
 Db 19 CTTTCCTCTCTCTTCTT 1

RESULT 160
 BM148986/c
 LOCUS
 DEFINITION
 BM148986 21 bp mRNA linear EST 30-NOV-2001
 TCAAP2E5567 Pediatric acute myelogenous leukemia cell (FAB M1)
 Baylor-HGSC project=TCOA Homo sapiens CDNA clone TCAAP5567, mRNA
 sequence.

ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM
 EST.
 BM148986
 BM148986.1 GI:17170198
 Homo sapiens (human)

REFERENCE
 AUTHORS
 TITLE
 JOURNAL
 COMMENT
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 1 (bases 1 to 21)
 Wei,Y., Tsang,Y.T.M., Mei,G., Ku,Y.M., Ali-Osman,F.R., Jr.,
 Gunaratne,P.H., Muzny,D., Bouck,J., Gibbs,R.A. and Margolin,J.F.
 Pediatric Leukemia CDNA Sequencing Project (2001)
 Unpublished (2001)

Contact: Dr. Judith F. Margolin
 Texas Children's Cancer Center and Human Genome Sequencing Center
 at Baylor College of Medicine
 1102 Bates, MC3-3320 Houston, TX 77030, USA
 Tel: 832-824-4536
 Fax: 832-825-4038
 Email: clones@ccc.org
 Seq primer: M13 primer.

FEATURES

source

Location/Qualifiers
 1..21
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clone="TCAAP5567"
 /sex="male"
 /tissue_type="leukopheresis"
 /cell_type="myeloid cell"
 /dev_stage="pediatric 6 years"
 /lab_host="DH10B"
 /clone_id="Pediatric acute myelogenous leukemia cell (FAB
 M1) Baylor-HGSC project=TCOA"
 /note="Vector: lambda pSB; Site 1: BamHI; Site 2: EcoRI;
 First strand cDNA was primed with an anchored
 XhoI-oligo(dT) primer [5'GGAGGACTGAGCGCGGACGAGAG(T)VN
 3'-; V=A,C,G; N=A,C,G,T] and then dg tailed. Second strand
 was primed with a BamHI-dc primer
 [5'AGAGCTCGATCGCGCGGCGCAATATATAT(C) 3'].
 Double-stranded cDNA was then digested with BamHI and XhoI
 and directionally cloned into the BamHI and SalI sites of
 lambda pSB vector. Library was constructed by Wei Yu at RIKEN
 of Japan (Carninci P., Westover A., Nishiyama Y., Ohsuni T,
 Itoh M., Nagaoaka S., Sasaki N., Okazaki Y., Muramatsu M,

Schneider C, Hayashizaki Y, High efficiency selection of full-length cDNA by improved biotinylated cap trapper., DNA Res 4: 1, 61-6, Feb 28, 1997"

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1592 GGAAACGAGAGAGAG 1610
DB 19 GGAGACGACAGAGAG 1

RESULT 161
AZ658074 21 bp DNA linear GSS 20-FEB-2001
LOCUS
DEFINITION 2M0074012R Mouse 10kb plasmid UGCGIM library Mus musculus genomic
clone UGCG2M0074012 R, genomic survey sequence.
ACCESSION
VERSION AZ658074.1 GI:12977370
KEYWORDS
SOURCE GSS.
ORGANISM Mus musculus (house mouse)

REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 21)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weis, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0074 row: 0 column: 12
Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers

FEATURES
source 1..21
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCG2M0074012"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCGIM library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (GI4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into

chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2814 GAAGAAGAGATGAGGCG 2832
DB 21 GAAAAAGAGAGAGCGG 3

RESULT 162
AZ658074 21 bp DNA linear GSS 14-DEC-2000
LOCUS
DEFINITION 1M0534G12R Mouse 10kb plasmid UGCGIM library Mus musculus genomic
clone UGCG1M0534G12 R, genomic survey sequence.
ACCESSION
VERSION AZ658074.1 GI:11795220
KEYWORDS
SOURCE GSS.
ORGANISM Mus musculus (house mouse)

REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 21)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weis, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0534 row: 0 column: 12
Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers

FEATURES
source 1..21
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCG1M0534G12"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCGIM library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (GI4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells

and selected for ampicillin resistance."

Query Match 0.3%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1062 CAAGATTATTTAG 1075
|||||
8 CAAGATTATTTAG 21

RESULT 163
AZ860079/c 35 bp DNA linear GSS 21-FEB-2001
LOCUS 2M0155J19R Mouse 10kb plasmid UGCGM library Mus musculus genomic
DEFINITION clone UGCG2M0155J19 R, genomic survey sequence.

ACCESSION AZ860079.1 GI:13055041
VERSION
KEYWORDS
SOURCE
ORGANISM

REFERENCE
AUTHORS Mus musculus (house mouse)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 35)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts

TITLE Unpublished (2000)

JOURNAL Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA

TEL: 801 585 5606
FAX: 801 585 7177
Email: edunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0165 row: J column: 19
Seq primer: CACACAGCAACACCTATGACC
Class: plasmid ends
High quality sequence stop: 35.

FEATURES
Location/Qualifiers

1..35
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCG2M0155J19"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCGM library"
/note="Vector: PWD42nv, Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (gi14732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
adapted vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.3%; Score 14; DB 1; Length 35;
Best Local Similarity 66.7%; Pred. No. 3e+02;
Matches 20; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2794 AGAGTCAGAGAGAGAAATGAAGAGGA 2823
|||||
33 AAGAGAGAGAGAGAGAGAGAGAGAGAGGA 4

RESULT 164
AU265743/c 39 bp mRNA linear EST 26-APR-2004
LOCUS AU265743 VS Dictyostelium discoideum cDNA clone VSP759 3', mRNA
DEFINITION sequence.

ACCESSION AU265743.1 GI:20524541
VERSION
KEYWORDS
SOURCE
ORGANISM

REFERENCE
AUTHORS Dictyostelium discoideum
Dictyostelium discoideum
Eukaryota; Mycetozoa; Dictyostelida; Dictyostelium.
1 (bases 1 to 39)
Urushihara, H., Morio, T., Saito, T., Kohara, Y., Kori, E., Ochiai, H.,
Maeda, M., Williams, J.G., Takeuchi, I. and Tanaka, Y.
Analyses of cDNAs from growth and slug stages of Dictyostelium
discoideum

TITLE Nucleic Acids Res. 32 (5), 1647-1653 (2004)

JOURNAL Contact: Hideko Urushihara
Institute of Biological Sciences
University of Tsukuba
1-1-1 Tennoudai, Tsukuba, Ibaraki 305-8572, Japan
Tel: 81-298-53-4664
Fax: 81-298-53-6614
Email: hideko@iol.tsuba.ac.jp.

FEATURES
Location/Qualifiers

1..39
/organism="Dictyostelium discoideum"
/mol_type="mRNA"
/strain="AX4"
/db_xref="taxon:44689"
/clone="VSP759"
/sex="mat A"
/dev_stage="vegetative"
/clone_lib="VS"

Query Match 0.3%; Score 14; DB 1; Length 39;
Best Local Similarity 64.5%; Pred. No. 2.9e+02;
Matches 20; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 4409 TATAGTATATATATATATATATATATAT 4439
|||||
35 TATATATATATATATATATATATATATAT 5

RESULT 165
B0593604/c 19 bp mRNA linear EST 06-DEC-2002
LOCUS B0593604 B012766-024-026-H12-SP6 MP12-ADIS-024-developing root Beta vulgaris
DEFINITION cDNA clone 024-026-H12 5-PRIME, mRNA sequence.

ACCESSION B0593604.1 GI:26123187
VERSION
KEYWORDS
SOURCE
ORGANISM

REFERENCE
AUTHORS Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 19)
Herwig, R., Schulz, B., Weishaar, B., Hennig, S., Steinfach, M.,
Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehnach, H.
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes

JOURNAL Plant J. 32 (5), 845-857 (2002)
 MEDLINE 22362189
 PUBMED 12472698

COMMENT

Contact: Weishaar B
 ADIS DNA core facility at MPIZ
 Max-Planck-Institute for Plant Breeding Research
 Carl-von-Linne Weg 10, 50829 Koeln, Germany
 Fax: 00492215062851
 Email: weishaar@mplz-koeln.mpg.de
 Insert Length: 19 Std Error: 0.00
 Plate: 26 row: H column: 12
 Seq primer: Sp6; CATACGATTAGGTGACACTATAG.

FEATURES

source

```

1. 19
/organism="Beta vulgaris"
/mol type="mRNA"
/cultivar="KMS2320 (double haploid, monogerm breeding line)"
/db_xref="GABI:193251"
/db_xref="taxon:161934"
/clone="024-026-H12"
/tissue type="developing root"
/lab host="EMDH10B"
/clone_lib="WPIZ-ADIS-024-developing root"
/notes="Vector: PCWSPORT6; Site_1: SalI; Site_2: NotI; cDNA library from sugar beet, library provided by KMS Kleinanzeleber Saatgut AG Einbeck, Germany, contact: b.schulz@kms.de; cloning sites SalI-NotI, primer sites and orientation:
SBE-SalI-CCACGCGCTCGG-Sprine-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
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Query Match 0.3%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 88.2%; Pred. No. 1.5e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 280 TTCTCTCTCTCTCTT 296
 Db 18 TTCTCTCTCTCTCTT 2

RESULT 166
 AZA10317/c 19 bp DNA linear GSS 03-OCT-2000
 LOCUS 1M0182L02R Mouse 10kb plasmid UGCGIM library Mus musculus genomic
 DEFINITION clone UGCGIM0182L02 R, genomic survey sequence.

ACCESSION AZA10317
 VERSION AZA10317.1 GI:10534330
 KEYWORDS GSS.

SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19)
 AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islem,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Niederhauserm,A., Rose,M., Rose,R., Stokes,R., Tingey,A., von

TITLE Mouse whole genome scaffolding with paired end reads from 10kb

JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA

Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00

Plate: 0182 row: L column: 02
 Seq primer: CACACGGAACGCTATGACC
 Class: plasmid ends
 High quality sequence strop: 19.

FEATURES

source

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1. 19
/organism="Mus musculus"
/mol type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCGIM0182L02"
/sex="Male"
/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"  

/clone_lib="Mouse 10kb plasmid UGCGIM library"  

/notes="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (414732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Query Match 0.3%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 88.2%; Pred. No. 1.5e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4678 AGGTAACAAGAGCCTG 4694
 Db 19 AGGTGCAAGAGCCTG 3

RESULT 167
 AZ824929/c 19 bp DNA linear GSS 20-FEB-2001
 LOCUS 2M0099P16R Mouse 10kb plasmid UGCGIM library Mus musculus genomic
 DEFINITION clone UGCG2M0099P16 R, genomic survey sequence.

ACCESSION AZ824929
 VERSION AZ824929.1 GI:12994837
 KEYWORDS GSS.

SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19)
 AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islem,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Niederhauserm,A., Rose,M., Rose,R., Stokes,R., Tingey,A., von

TITLE Mouse whole genome scaffolding with paired end reads from 10kb

JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA

Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0099 row: P column: 16

Seq primer: CACACAGAAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 19.
 Location/Qualifiers

FEATURES

source

1. 19
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGC2M0099P16"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_1lb="Mouse 10kb plasmid UGC1M library"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 88.2%; Pred. No. 1.5e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2812 ATGAGAGAGAGAGAG 2828
 Db 18 ATGAGAGAGAGAGTGGG 2

RESULT 168
 AZ445379 20 bp DNA linear GSS 04-OCT-2000
 LOCUS 1M0241E07F Mouse 10kb plasmid UGC1M library Mus musculus genomic
 DEFINITION clone UGC1M0241E07 F, genomic survey sequence.
 ACCESSION AZ445379
 VERSION AZ445379.1 GI:10595142
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 20)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duvai, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D., Weiser, R.
 Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 Unpublished (2000)
 JOURNAL Contact: Robert B. Weiss
 COMMENT University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0241 row: E column: 07
 Seq primer: CGTTGTAACGACGCGCCAGT

Class: plasmid ends
 High quality sequence stop: 20.
 Location/Qualifiers

FEATURES

source

1. 20
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGC1M0241E07"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_1lb="Mouse 10kb plasmid UGC1M library"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.8; DB 1; Length 20;
 Best Local Similarity 88.2%; Pred. No. 1.7e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4156 CTGCTGCTCTCTCTCTGC 4172
 Db 2 CTGCTGCTCTCTCTCTGC 18

RESULT 169
 AZ774829 20 bp DNA linear GSS 16-FEB-2001
 LOCUS 2M0004D10R Mouse 10kb plasmid UGC1M library Mus musculus genomic
 DEFINITION clone UGC2M0004D10 R, genomic survey sequence.
 ACCESSION AZ774829
 VERSION AZ774829.1 GI:12900691
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 20)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duvai, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D., Weiser, R.
 Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 Unpublished (2000)
 JOURNAL Contact: Robert B. Weiss
 COMMENT University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0004 row: D column: 10
 Seq primer: CACACAGAAACAGCTATGACC
 Class: plasmid ends

FEATURES
source
High quality sequence stop: 20.
Location/Qualifiers
1. .20
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0004D10"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4642 GGCGTTAAGAGCTGAA 4658
DB 4 GGACGTGAAGAGCTGAA 20
|||||

RESULT 170
BH000478/c 20 bp DNA linear GSS 27-APR-2001
LOCUS
DEFINITION 2M0288C2IF Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0288C21 F, genomic survey sequence.
ACCESSION BH000478
VERSION BH000478.1 GI:13871704
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Haml, C., Islam, H., Longacre, S., Mahmood, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tinney, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Place: 0288 row: C column: 21
Seq primer: CGTTGTAAGAGAGCGGCGAGT
Class: plasmid ends
High quality sequence stop: 20.

JOURNAL
COMMENT

FEATURES
source
Location/Qualifiers
1. .20
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0288C21"
/sex="Female"
/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (female) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1862 CCAAGAGGAGCCCTGA 1878
DB 20 CCAAGAGTCCCCAGA 4
|||||

RESULT 171
TA339H10 20 bp DNA linear GSS 13-DEC-2000
LOCUS
DEFINITION TA339H10 T. brucei sheared genomic DNA clone 339h11, reverse sequence.
ACCESSION AL492631
VERSION AL492631.1 GI:11868814
KEYWORDS GSS.
SOURCE Trypanosoma brucei
ORGANISM Trypanosoma brucei
Eukaryota; Euklenozoa; Kinetoplastida; Trypanosomatidae; Trypanosoma.
1 (bases 1 to 20)
Hall, N., Bowman, S., Lennard, N.J., Doggett, J., Atkin, R., Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L., Melville, S.E., Rajandream, M.A. and Barrett, B.G.
Direct Submission
Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 1SA, E-mail: barrel@sanger.ac.uk and nhs@sanger.ac.uk
Constructed at the Institute for Genomic Research (TIGR), Rockville, MD. Genomic DNA isolated from a cloned population of Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared to give a tight size distribution (4 kb). The v + i method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. In Genome Sequencing: A Practical Approach, eds. M. Vaubin and B. Barrel, Oxford University Press, 1999).
Email: nhs@sanger.ac.uk
Details of T. brucei sequencing at the Sanger Centre are available at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers

JOURNAL
COMMENT

DEFINITION 1M0534G12F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0534G12 F, genomic survey sequence.

ACCESSION AZ416392

VERSION AZ657753

KEYWORDS AZ657753.1 GI:11794899

SOURCE GSS.

ORGANISM Mus musculus (house mouse)

REFERENCE Mus musculus Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 21)

AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weis, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished (2000)

COMMENT Contact: Robert B. Weiss University of Utah Genome Center Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0534 row: G column: 12

Seq primer: CGTTGTAAACGACGCGCACT

Class: plasmid ends

High quality sequence stop: 21.

FEATURES

source

1..21

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UUGC1M0534G12"

/sex="Male"

/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"

/clone_1lb="Mouse 10kb plasmid UUGC1M library"

/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.8; DB 1; Length 21;

Best Local Similarity 88.2%; Pred. No. 1.8e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1043 AGAGCATCTTAAGCCA 1059

DB 20 AGAGCAGCTTAAGTCA 4

RESULT 175

AZ416392 26 bp DNA linear GSS 03-OCT-2000

LOCUS

DEFINITION IM0191D07R Mouse 10kb plasmid UUGC1M library Mus musculus genomic

clone UUGC1M0191D07 R, genomic survey sequence.

ACCESSION AZ416392

VERSION AZ416392.1 GI:10540405

KEYWORDS GSS.

SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 26)

AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weis, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished (2000)

COMMENT Contact: Robert B. Weiss University of Utah Genome Center Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0191 row: D column: 07

Seq primer: CACACAGAAACAGCTATGACC

Class: plasmid ends

High quality sequence stop: 26.

FEATURES

source

1..26

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UUGC1M0191D07"

/sex="Male"

/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"

/clone_1lb="Mouse 10kb plasmid UUGC1M library"

/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.8; DB 1; Length 26;

Best Local Similarity 72.0%; Pred. No. 2.5e+02;

Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2817 GAAGGAGGAGGAGGAGCTGTGG 2841

DB 2 GGAGGAGGAGGAGGAGGAGG 26

RESULT 176

BZ765029 26 bp DNA linear GSS 13-MAR-2003

LOCUS

DEFINITION SALK_127976.21.20.x Arabidopsis thaliana TDNA insertion line

Arabidopsis thaliana genomic clone SALK_127976.21.20.x, genomic

Survey sequence.

ACCESSION 82765029
 VERSION 82765029.1 GI:28937582
 KEYWORDS GSS.
 SOURCE Arabidopsis thaliana (thale cress)
 ORGANISM Arabidopsis thaliana
 Eukaryote; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
 1 (bases 1 to 26)
 Alonso, J.M., Leisse, T.J., Barajas, P., Chen, H., Cheuk, R., Gadirhab, C., Jeske, A., Karnes, M., Kim, C.J., Parker, H., Prednis, L., Shinn, P., Zimmerman, J. and Ecker, J.R.
 A Sequence-indexed library of Insertion Mutations in the Arabidopsis Genome
 Unpublished (2001)
 Contact: Joseph R. Ecker
 The Salk Institute Genomic Analysis Laboratory (SIGAL)
 The Salk Institute for Biological Studies
 10010 N. Torrey Pines Road, La Jolla, CA 92037, USA
 Tel: 858 453 4100 x1752
 Fax: 858 558 6379
 Email: ecker@salk.edu
 This is single pass sequence recovered from the left border of TDNA.
 Class: TDNA tagged.

FEATURES
 source Location/Qualifiers
 1..26
 /organism="Arabidopsis thaliana"
 /mol_type="genomic DNA"
 /ecotype="Col-0"
 /db_xref="taxon:3702"
 /clone="SALK_127976.21.20.x"
 /note="PCR was performed on Arabidopsis thaliana lines each of which contains one or more TDNA insertion elements. The resultant fragment for each line was directly sequenced to determine the genomic sequence at the site of insertion. Details of the protocols used can be found at http://signal.salk.edu/tdna_protocols.html"

Query Match 0.3%; Score 13.8; DB 1; Length 26;
 Best Local Similarity 88.2%; Pred. No. 2.5e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4424 TATTATATATATATG 4440
 22 TTTTATATATATATG 6

RESULT 177
 LOCUS C0577545
 DEFINITION C0577545 20 bp mRNA linear EST 20-JUL-2004
 TVEST079A09_TV30236_PT cDNA Library Trichomonas vaginalis cDNA 5', mRNA sequence.
 ACCESSION C0577545
 VERSION C0577545.1 GI:50407947
 KEYWORDS EST.
 SOURCE Trichomonas vaginalis
 ORGANISM Trichomonas vaginalis
 Eukaryota; Parabasalida; Trichomonada; Trichomonadida; Trichomonadidae; Trichomonadinae; Trichomonas.
 1 (bases 1 to 20)
 Zhou, Y., Shu, W.M., Huang, S.C.C., Huang, K.Y. and Tang, P.
 Analysis of Gene Expression Profile in Trichomonas vaginalis by EST Sequencing
 Unpublished (2003)
 Contact: Tang, P.
 Molecular Regulation and Bioinformatics Laboratory, College of Medicine
 Chang Gung University
 259 Wenhu 1st. Road, Kweihsan, Taoyuan 333, Taiwan
 Tel: +886 3 3283016 EXT5136

Fax: +886 3 3283031
 Email: petang@mail.cgu.edu.tw
 PCR Primers
 FORWARD: T7
 BACKWARD: T3
 Seq primer: T3.
 Location/Qualifiers
 1..20
 /organism="Trichomonas vaginalis"
 /mol_type="mRNA"
 /db_xref="taxon:5722"
 /cell_line="ATCC30236"
 /dev_stage="Trophozoites at mid-log phase"
 /lab_host="XLI Blue-MRP"
 /clone_lib="TV30236_PT cDNA Library"
 /note="Vector: Lambda ZAP-Express (Stratagene); Site_1: EcoRI; Site_2: XhoI"

Query Match 0.3%; Score 13.6; DB 1; Length 20;
 Best Local Similarity 80.0%; Pred. No. 1.8e+02;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1590 GTGAAACAGAGAGAGAA 1609
 1 GAGGAAAGAAAGAGAGAA 20

RESULT 178
 LOCUS AZ308311
 DEFINITION AZ308311 20 bp DNA linear GSS 29-SEP-2000
 clone UNGCM0011J12 F, genomic survey sequence.
 ACCESSION AZ308311
 VERSION AZ308311.1 GI:10348177
 KEYWORDS GSS.
 SOURCE Mus musculus
 ORGANISM Mus musculus (house mouse)
 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 20)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D. Weis, R.
 Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: dunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0011 row: J column: 12
 Seq primer: CGTTGTAAACGACGCGCAGT
 Class: plasmid ends
 High quality sequence stop: 20.
 Location/Qualifiers
 1..20
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UNGCM0011J12"
 /sex="Male"
 /lab_host="E. Coli strain XLI-Gold, T1-resistant, F-"
 /note="Vector: PMD42nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource

0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (G14732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4092 GCTGCCACTGAGTCGAGC 4111
Db 20 GCCGCCCTGACCGCAGAC 1

RESULT 181
AZ789903/c 20 bp DNA linear GSS 16-FEB-2001
LOCUS 2M0038F15F Mouse 10kb plasmid UUGCJM library Mus musculus genomic
DEFINITION clone UUGC2M0038F15 F, genomic survey sequence.

ACCESSION AZ789903
VERSION AZ789903.1 GI:12931404
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)

AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A., and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished (2000)

JOURNAL Contact: Robert B. Weiss
COMMENT University of Utah Genome Center

University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0038 row: F column: 15
Seq primer: CGTTGTAAACGACGCGCAGT
Class: plasmid ends

High quality sequence stop: 20.
Location/Qualifiers

FEATURES
Source 1. 20
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0038F15"
/sex="Male"
/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_1ib="Mouse 10kb plasmid UUGCJM library"
/note="Vector: pMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA

was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (G14732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1003 TCCAGCGACTGCAAGCATG 1022
Db 20 TGCAGTGCCTGCAAGATG 1

RESULT 182
AZ835025/c 20 bp DNA linear GSS 20-FEB-2001
LOCUS 2M0129102F Mouse 10kb plasmid UUGCJM library Mus musculus genomic
DEFINITION clone UUGC2M0129102 F, genomic survey sequence.

ACCESSION AZ835025
VERSION AZ835025.1 GI:13004933
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)

AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A., and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished (2000)

JOURNAL Contact: Robert B. Weiss
COMMENT University of Utah Genome Center

University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0129 row: I column: 02
Seq primer: CGTTGTAAACGACGCGCAGT
Class: plasmid ends

High quality sequence stop: 20.
Location/Qualifiers

FEATURES
Source 1. 20
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0129102"
/sex="Male"
/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_1ib="Mouse 10kb plasmid UUGCJM library"
/note="Vector: pMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA

was blunt end-repaired with T4 DNA polymerase and T4

polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptor complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3816 CAAGGAGAGCCCAAGACCC 3835
DB 20 CCAGTGAAGCCCAAGACCC 1

RESULT 183 38 bp DNA linear GSS 04-OCT-2000
AZ479185/c 1M0299J1R Mouse 10kb plasmid UGCM library Mus musculus genomic
DEFINITION clone UGCM0299J1 R, genomic survey sequence.

ACCESSION AZ479185
VERSION AZ479185.1 GI:10638641
KEYWORDS GSS.

SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, D., Longacre, S., Mahmood, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausen, A. and Wright, D., Weiss, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
JOURNAL Unpublished (2000)

COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA

Tel: 801 585 5606
Fax: 801 585 7177
Email: dunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0299 row: J column: 11
Seq primer: CACACGAGAAACAGCTATGAC
Class: Plasmid ends

High quality sequence stop: 38.
Location/Qualifiers
1. 38

FEATURES
source /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCM0299J11"
/sex="Male"
/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_1lb="Mouse 10kb plasmid UGCM library"
/note="Vector: FMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were

ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.6; DB 1; Length 38;
Best Local Similarity 61.1%; Pred. No. 3e+02;
Matches 22; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

QY 2799 CAGGAGAGAGAGAGAGAGAGAGAGAGAGAG 2834
DB 37 CAGGAGAGAGAGAGAGAGAGAGAGAGAGAG 2

RESULT 184 44 bp mRNA linear EST 05-DEC-2001
BU001599/c BU001599 MF01SSA CDNA Oryzias latipes CDNA MF01SSA009H08 5',
LOCUS mRNA sequence.
DEFINITION

ACCESSION BU001599
VERSION BU001599.1 GI:17364490
KEYWORDS EST.

SOURCE Oryzias latipes (Japanese medaka)
ORGANISM Oryzias latipes

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Actinopterygii; Neopterygii; Teleostei; Euteleostei; Neoteleostei;
Acanthomorpha; Acanthopterygii; Percomorpha; Atherinomorpha;
Belontiiformes; Adiantichthyidae; Oryziinae; Oryzias.

TITLE 1 (bases 1 to 44)
AUTHORS Kohara, Y., Shin, I., Kimura, T., Narita, T., Jindo, T. and Takeda, H.
JOURNAL Medaka EST Project in Takeda's lab
COMMENT Unpublished (2001)
Contact: Tadao Shin-i
Center For Genetic Resource Information
National Institute of Genetics
1111 Yata, Mishima, Shizuoka 411-8540, Japan
Tel: 81-559-81-6856
Fax: 81-559-81-6855
Email: tshin@genes.nig.ac.jp.

FEATURES
source Location/Qualifiers
1. 44
/organism="Oryzias latipes"
/mol_type="mRNA"
/strain="Hd-r"
/db_xref="taxon:8090"
/clone="MF01SSA009H08"
/sex="mixture of female and male"
/tissue_type="whole embryo"
/dev_stage="segmentation stage 20 - 25"
/clone_1lb="MF01SSA CDNA"

Query Match 0.3%; Score 13.6; DB 1; Length 44;
Best Local Similarity 67.9%; Pred. No. 2.7e+02;
Matches 19; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 1593 GAAACAGAGAGAGAGAGATCTGCGGA 1620
DB 28 GAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1

RESULT 185 18 bp mRNA linear EST 17-JAN-2002
BM395302 50072-2-8-B01.r1 Chilocat/Turkewitz CDNA (large fraction)
LOCUS Tetrahymena thermophila CDNA, mRNA sequence.
DEFINITION
ACCESSION BM395302

VERSION BM395302.1 GI:18195355
 KEYWORDS EST.
 SOURCE Tetrahymena thermophila
 ORGANISM Tetrahymena thermophila
 Eukaryota; Alveolata; Ciliophora; Oligohymenophorea; Hymenostomatida; Tetrahymenina; Tetrahymena.

REFERENCE 1 (bases 1 to 18)
 Turkewitz, A.P., Karrer, K.M., Jahn, C., Orías, E., Kirk, K.E., Frankel, J., and Klobutcher, L.
 EST from Tetrahymena thermophila, strain CU428.1, growing cells
 Unpublished (2002)
 CONTACT: Turkewitz AP
 Molecular Genetics and Cell Biology
 University of Chicago
 920 E. 58th Street, Chicago, IL 60637, USA
 Tel: 773 702 4374
 Fax: 773 702 3172
 Email: apturkew@midway.uchicago.edu
 Seq primer: T3.

TITLE Unpublished (2002)
 JOURNAL
 COMMENT

FEATURES
 source
 1..18
 /organism="Tetrahymena thermophila"
 /mol_type="mRNA"
 /strain="CU428.1"
 /db_xref="taxon:5911"
 /clone_1lb="Chilcoat/Turkewitz cDNA (large fraction)"
 /note="Vector: Bluescript2 SK+; Details on library preparation can be found in Chilcoat and Turkewitz (2001) Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.3%; Score 13.4; DB 1; Length 18;
 Best Local Similarity 93.3%; Pred. No. 1.5e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4310 TCTGGGTGCCAGCT 4324
 |||||
 1 TCTGGGCCCCCAGCT 15

Db 1 TCTGGGCCCCCAGCT 15

RESULT 186
 AZ634666/c 19 bp DNA linear GSS 13-DEC-2000
 LOCUS 1M0490P03R Mouse 10kb plasmid UGCLM library Mus musculus genomic
 DEFINITION clone UGCLM0490P03 R, genomic survey sequence.
 ACCESSION AZ634666
 VERSION AZ634666.1 GI:11756856
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 19)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A., and Wright, D., Weiss, R.
 Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 Unpublished (2000)
 CONTACT: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0490 row: P column: 03
 Seq primer: CACACAGAAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 19.
 Location/Qualifiers

FEATURES
 source

source
 1..19
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGCLM0490P03"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_1lb="Mouse 10kb plasmid UGCLM library"
 /note="Vector: FMD29v; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g14732114|g5|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.4; DB 1; Length 19;
 Best Local Similarity 93.3%; Pred. No. 1.7e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1755 GCCCCCTCCCAAG 1769
 |||||
 19 GCCCCCCCCCCAAG 5

Db 19 GCCCCCCCCCCAAG 5

RESULT 187
 AJ666323 20 bp mRNA linear EST 28-JUN-2004
 LOCUS AJ666323 CSEQRAN09 Sus scrofa cDNA clone C0000033_J06, mRNA
 DEFINITION sequence.
 ACCESSION AJ666323
 VERSION AJ666323.1 GI:49350774
 KEYWORDS EST.
 SOURCE Sus scrofa (pig)
 ORGANISM Sus scrofa
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae; Sus.
 1 (bases 1 to 20)
 Anderson, S.I., Finlayson, H.A., and Archibald, A.L.
 Development of cDNA and EST resources for studying reproduction and embryo development in pigs and cattle
 Unpublished (2004)
 CONTACT: Anderson SI
 Genomics and Bioinformatics
 Roslin Institute
 Roslin, Midlothian, EH25 9PS, UNITED KINGDOM
 Single pass sequencing. Bases called and trimmed with phred v0.020425.c. Vector identified by cross match with the -minscore 20 and -mismatch 12 options. Vector: pBluescriptII(KS+) R. Site 1: EcoRI R. Site 2: NotI Description: Normalised library constructed from pooled tissue from day 30 placentas. Clones available from UK Centre for Functional Genomics in Farm Animals, Roslin Institute, Roslin, Midlothian, UK, EH25 9PS, www.arkgenomics.org.

TITLE Unpublished (2004)
 JOURNAL
 COMMENT

FEATURES
 source
 1..20
 /organism="Sus scrofa"
 /mol_type="mRNA"
 /db_xref="taxon:9823"
 /clone="C0000033_J06"
 /tissue_type="placenta"

DEFINITION	0071d10.g1 NCI CGAP GC4 Homo sapiens cDNA clone IMAGE:1571635 3'
ACCESSION	AA934650
VERSION	AA934650.1 GI:3091862
KEYWORDS	EST.
SOURCE	Homo sapiens (human)
ORGANISM	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo. 1 (bases 1 to 19) NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap. National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index Unpublished (1997) Contact: Robert Strausberg, Ph.D. Email: cgapbs-remail.nih.gov Tissue Procurement: Christopher A. Moskaluk, M.D., Ph.D., Michael Emmert-Buck, M.D., Ph.D. cDNA Library Preparation: M. Bento Soares, Ph.D. cDNA Library Arrayed by: Greg Lennon, Ph.D. DNA sequencing by: Washington University Genome Sequencing Center Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LNLN at: www.bio.lnl.gov/bbrp/image/image.html
JOURNAL	
COMMENT	
FEATURES	Trace considered overall poor quality Seq primer: -40ml3 fwd. ET from Amersham High quality sequence stop: 1. Location/Qualifiers 1..19 /organism="Homo sapiens" /mol_type="mRNA" /db_xref="taxon:9606" /clone="IMAGE:1571635" /tissue_type="Pooled germ cell tumors" /lab_host="MDH10B" /clone_lib="NCI_CGAP GC4" /note="Vector: pVT7D-Pac (Pharmacia) with a modified polylinker; 1st strand cDNA was prepared from 3 pooled germ cell tumors, and was then primed with a Not I - oligo(dT) primer. Double-stranded cDNA was ligated to Eco RI adaptors (pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pVT73 vector. Library is normalized. Library was constructed by Bento Soares and M. Fatima Bonaldo."
Source	
Query Match	0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity	83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative	0; Mismatches 3; Indels 0; Gaps 0;
Oy	3259 GAGTGGGGCCCTTTGGGC 3276
Db	1 GGGGAGGGCCCTTTGGGC 18
RESULT 191	
LOCUS	AI149192/c
DEFINITION	AI149192 19 bp mRNA linear EST 28-OCT-1998 qc76dd09.x1 Soares placenta 8tc9weeks 2NBHPctovr Homo sapiens cDNA clone IMAGE:1715537 3, similar to TR:Q39949 Q39949 HYPOXYPROLINE-RICH PROTEIN.; contains element TARI repetitive element ; mRNA sequence. AI149192 AI149192.1 GI:3677661 EST. Homo sapiens (human) Homo sapiens Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 19) NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap. National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index
ACCESSION	
VERSION	
KEYWORDS	
SOURCE	
ORGANISM	
REFERENCE	
AUTHORS	
TITLE	

```

JOURNAL COMMENT
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgaps-remail.nih.gov
This clone is available royalty-free through LNL ; contact the
IMAGE Consortium (info@image.lnl.gov) for further information.
Trace considered overall poor quality
Insert length: 675 Std Error: 0.00
Seq primer: -40m13 fwd. RT from Amersham
High quality sequence stop: 1.
Location/Qualifiers
1. 19
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1715537"
/dev_stage="Two placentae: one from 8 weeks and another
from 9 weeks post conception"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="scars_placenta_8c09weeks_2bhh8c09w"
/note="Organ: placenta; Vector: pTV3D (Pharmacia) with a
modified polylinker; Site_1: Not I; Site_2: Eco RI; 1st
strand cDNA was primed with a Not I - oligo(dT) primer [5'
TGTTACCAATCGTAGAGCGAGCGCGCATTTTTTTTTTTTTTTT 3'],
double-stranded cDNA was size selected, ligated to Eco RI
adapters (Pharmacia), digested with Not I and cloned into
the Not I and Eco RI sites of a modified pTV3 vector
(Pharmacia). Library constructed by Bento Soares and
M.Fatima Bonaldo."

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1754 CGCCCCCTCCACAGAA 1771
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
Db 18 CCCCCCCCCCCCCAAAA 1

RESULT 192
LOCUS A1581717 19 bp mRNA linear EST 06-APR-1999
DEFINITION ar74d08.x1 Barstead aorta HPRB6 Homo sapiens cDNA clone
IMAGE:2128353 3 similar to TR:000599 000599 CONT. ;, mRNA
sequence.
ACCESSION A1581717
VERSION A1581717
KEYWORDS EST.
SOURCE A1581717.1 GI:4567614
ORGANISM Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1 (bases 1 to 19)
AUTHORS Hillier, L., Allen, M., Bowles, J., Dubuque, T., Geisels, G., Jost, S.,
Katzman, D., Kucaba, T., Lacy, M., Le, N., Lennon, G., Marita, M.,
Martin, J., Moore, B., Schellenberg, K., Steptoe, M., Tan, F.,
Treising, B., White, Y., Wyllie, T., Waterston, R. and Wilson, R.
Washu-NCI human EST Project
Unpublished (1997)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@wustl.wustl.edu
This clone is available royalty-free through LNL ; contact the
IMAGE Consortium (info@image.lnl.gov) for further information.
Trace considered overall poor quality
Possible reversed clone: similarity on wrong strand
Seq primer: -40UP from Gibco
High quality sequence stop: 1.
Location/Qualifiers
1. 19
/organism="Homo sapiens"

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/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2128335"
/sex="male"
/dev_stage="adult, age 64"
/lab_host="DH10B (phage resistant)"
/clone_lib="Barstead aorta HPLR6"
/notes="Organ: aorta; Vector: pT73D-Pac (Pharmacia) with a
modified polylinker; Site 1: EcoRI; Site 2: NotI; 1st
strand cDNA was primed with a Not I - oligo(dT) primer [5'
TGTTCAGATCTCAAGTGGAGCGCCGCTTTTCTTTTCTTTTCTTTTCTTTT
3']; double-stranded cDNA was ligated to Eco RI adaptors
[5' ATTCGATCGAAC 3' and 5' GTTCGATCGG 3'], digested
with Not I and cloned into the Not I and Eco RI sites of
the modified pT73 vector. Library constructed by Bob
Barstead."

Query Match      0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      257 CCGGGCCCCCTCTC 274
          |||||
          1 CCGGGCCCCCCCCCCC 18

Db

RESULT 193
LOCUS      A1624451      19 bp      mRNA      linear      EST 14-DEC-1999
DEFINITION ts29h11.x1 NCI CGAP Pan1 Homo sapiens cDNA clone IMAGE:2230053 3'
             similar to TR:Q39949 Q39949 HYDROXYPROLINE-RICH PROTEIN.; contains
ACCESSION  A1624451
VERSION     A1624451.1 GI:4649382
KEYWORDS   EST.
SOURCE      Homo sapiens
ORGANISM   Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1 (bases 1 to 19)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgabs-remail.nih.gov
Life Technologies catalog #: 11548-013
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
Insert Length: 1123 Std Error: 0.00
Seq primer: -40UP from Gibco
High quality sequence stop: 1
POLYV=No.

FEATURES
source      Location/Qualifiers
          1..19
            /organism="Homo sapiens"
            /mol_type="mRNA"
            /db_xref="taxon:9606"
            /clone="IMAGE:2230053"
            /issue_type="adenocarcinoma"
            /lab_host="DH10B"
            /clone_lib="NCI CGAP_Pan1"
            /note="Organ: pancreas; Vector: PCMV-SPORT6; Site 1: SalI;
            Site 2: NotI; Cloned unidirectionally. Primer: Oligo dT.
            Average insert size 1.72 kb. Life Technologies catalog #:
            11548-013"

Query Match      0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1754 CCGCCCCCTCCCAAGAA 1771
          |||||
          1 CCCCCCCCCCAAAA 18

Db

RESULT 194
LOCUS      A1635491      19 bp      mRNA      linear      EST 14-DEC-1999
DEFINITION ts65g09.x1 NCI CGAP Kid8 Homo sapiens cDNA clone IMAGE:2233504 3'
             similar to TR:Q39949 Q39949 HYDROXYPROLINE-RICH PROTEIN.; contains
ACCESSION  A1635491
VERSION     A1635491.1 GI:4686821
KEYWORDS   EST.
SOURCE      Homo sapiens
ORGANISM   Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1 (bases 1 to 19)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgabs-remail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R.
Emmert-Buck, M.D., Ph.D.
cDNA Library Preparation: Life Technologies, Inc.
DNA Sequencing by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
Insert Length: 1494 Std Error: 0.00
Seq primer: -40UP from Gibco
High quality sequence stop: 1.

FEATURES
source      Location/Qualifiers
          1..19
            /organism="Homo sapiens"
            /mol_type="mRNA"
            /db_xref="taxon:9606"
            /clone="IMAGE:2233504"
            /issue_type="renal cell tumor"
            /lab_host="DH10B"
            /clone_lib="NCI CGAP Kid8"
            /note="Organ: kidney; Vector: PCMV-SPORT6; Site 1: SalI;
            Site 2: NotI; Cloned unidirectionally. Primer: Oligo dT.
            Average insert size 1.2 kb. Life Technologies catalog #:
            11524-014"

Query Match      0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1754 CCGCCCCCTCCCAAGAA 1771
          |||||
          1 CCCCCCCCCCAAAA 18

Db

RESULT 195
LOCUS      CF281784      19 bp      mRNA      linear      EST 14-AUG-2003
DEFINITION 14ETL--08-P18.b1 Rice etiolated leaf plasmid cDNA library (14ETL)
             Oryza sativa (japonica cultivar-group) cDNA clone 14ETL--08-P18,
             mRNA sequence.
ACCESSION  CF281784
VERSION     CF281784.1 GI:33659171
KEYWORDS   EST.
SOURCE      Oryza sativa (japonica cultivar-group)

```

ORGANISM *Oryza sativa* (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Eriaristidae; Oryzaceae; *Oryza*.
REFERENCE 1 (bases 1 to 19)
Kim, J.-S., Jun, K.-M., Cheong, P.-J., Kim, M.-J., Lee, T.-H., Shin, Y.-C.,
Song, S.-I., Kim, J.-K., Kim, Y.-K. and Nahm, B.-H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
TITLE JOURNAL
COMMENT Contact: Nahm B.H.
Genomics and Genetics Institute, Greengene Biotech Inc.; Division
of Bioscience and Bioinformatics, Myongji University
Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualifiers
1. 19
/organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
/clone="14ETL-08-P18"
/tissue_type="leaf"
/dev_stage="14 days after germination"
/lab_host="E. coli DH10B"
/clone_lib="Rice etiolated leaf plasmid cDNA library
(14ETL)"
/note="Vector: PCR4-TOP0; Site 1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Db 1707 GAGCCGCGCATGATCACC 1724
1 GCGCCGCGCATGATCACC 18

RESULT 196
AZ432757/c 19 bp DNA linear GSS 03-OCT-2000
LOCUS 1M0218L14F Mouse 10kb plasmid UGCLM library Mus musculus genomic
DEFINITION clone UGCLM0218L14 F, genomic survey sequence.
ACCESSION AZ432757
VERSION AZ432757.1 GI:10556770
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE 1 (bases 1 to 19)
Islam, H., Longacre, S., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
TITLE JOURNAL
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0218 row: L column: 14
Seq primer: CGTGTGAAGACGACGCGCAGT
Class: plasmid ends

High quality sequence stop: 19.
Location/Qualifiers
1. 19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCLM0218L14"
/sex="Male"
/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCLM library"
/note="Vector: PMD42uv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydronically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (G14732114[gb]/AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
adapted vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Db 269 CCTCTCTCTCTCTCTCTC 286
19 CCTCTCTCTCTCTCTC 2

RESULT 197
AZ585367/c 19 bp DNA linear GSS 13-DEC-2000
LOCUS 1M0390D06R Mouse 10kb plasmid UGCLM library Mus musculus genomic
DEFINITION clone UGCLM0390D06 R, genomic survey sequence.
ACCESSION AZ585367
VERSION AZ585367.1 GI:11707178
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE 1 (bases 1 to 19)
Islam, H., Longacre, S., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
TITLE JOURNAL
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0390 row: D column: 06
Seq primer: CACACAGAAACGATATGACCC
Class: plasmid ends
High quality sequence stop: 19.

/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0573D22"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1lb="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1754 CGCCCCCTCCCAAGAA 1771
DB 18 CCCCCCCCCCCCCAAAAA 1

RESULT 200
AZ804026 19 bp DNA linear GSS 16-FEB-2001
LOCUS 2M0064007R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
DEFINITION clone UUGC2M0064007 R, genomic survey sequence.
ACCESSION AZ804026
VERSION AZ804026.1 GI:12956349
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1 (bases 1 to 19)
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausen, A. and Wright, D., Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
CONTACT: Robert B. Weiss
UNIVERSITY OF UTAH
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
TEL: 801 585 5606
FAX: 801 585 7177
EMAIL: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0064 row: 0 column: 07
Seq primer: CACACAGAAACACACTATGAC
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers 1. .19

FEATURES
source 1. .19
/organism="Mus musculus"

/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0064007"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1lb="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4642 GGCCTAAGAGCTGAAG 4659
DB 1 GGCCTAAGAGACTGAAG 18

RESULT 201
AZ858978 19 bp DNA linear GSS 21-FEB-2001
LOCUS 2M0164F24F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
DEFINITION clone UUGC2M0164F24 F, genomic survey sequence.
ACCESSION AZ858978
VERSION AZ858978.1 GI:13052726
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1 (bases 1 to 19)
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausen, A. and Wright, D., Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
CONTACT: Robert B. Weiss
UNIVERSITY OF UTAH
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
TEL: 801 585 5606
FAX: 801 585 7177
EMAIL: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0164 row: F column: 24
Seq primer: CGTTGTAAACGACGCCACGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers 1. .19

FEATURES
source 1. .19
/organism="Mus musculus"
/mol_type="genomic DNA"

/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGGCM0164P24"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGGCM library"
/note="Vector: FMD42nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g14732114|gb|AF12072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1664 CCAGCTTCGACACAGAT 1681
DB 18 CCAGCTTCGACACACAT 1

RESULT 202
CL668627 20 bp DNA linear GSS 09-JUL-2004
LOCUS PRI0158B_B03 - PRI0158B.B21 (20) Note: Recurring String Mixed stage
DEFINITION fosmid library of P. pacificus var. California Pristionchus
pacificus genomic, genomic survey sequence.

ACCESSION CL668627.1 GI:50164189
KEYWORDS GSS.
SOURCE Pristionchus pacificus
ORGANISM Pristionchus pacificus

REFERENCE 1 (bases 1 to 20)
AUTHORS Srinivasan,J., Otto,G.W., Kahlow,U., Geisler,R. and Sommer,R.J.
TITLE AppaDB: an ACeDB database for the nematode satellite organism
JOURNAL Pristionchus pacificus
COMMENT Nucleic Acids Res. 32 (1), D421-D422 (2004)
Contact: Sommer RJ
Evolutionary Biology
Max-Planck-Institute for Developmental Biology
Spemannstr. 37-39, Tuebingen D-72076, Germany
Tel: 00497071601371
Fax: 00497071601498
Email: ralf.sommer@tuebingen.mpg.de
This library was generated at Caltech, Pasadena, USA and end
sequenced at Vancouver, Canada.
Seq primer: T7
Class: fosmid ends.

FEATURES
source Location/Qualifiers
1..20
/organism="Pristionchus pacificus"
/mol_type="genomic DNA"
/strain="California"
/db_xref="taxon:54126"
/clone_lib="Mixed stage fosmid library of P. pacificus
var. California"
/note="Vector: pBfi608-5 Fosmid vector"

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 821 GGAGGAGGAGGACACAGG 838
DB 3 GGAGGAGGAGGAGGAGG 20

RESULT 203
BF966452/C 20 bp mRNA linear EST 23-JAN-2001
LOCUS 60228706F1 NIH_MGC_95 Homo sapiens cDNA clone IMAGE:4375648 5',
DEFINITION mRNA sequence.

ACCESSION BF966452
VERSION BF966452.2 GI:12388052
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE NIH-MGC http://mgi.mci.nih.gov/
AUTHORS 60228706F1 NIH_MGC_95
TITLE National Institutes of Health, Mammalian Gene Collection (MGC)
JOURNAL Unpublished (1999)
COMMENT On Jan 16, 2001 this sequence version replaced gi:1233567.
Contact: Robert Strausberg, Ph.D.
Email: cga@bbs-rcmail.nih.gov
Tissue Procurement: Miklos Palcovits, M.D., Ph.D.
cDNA Library Preparation: Michael J. Brownstein (NHGRI), Shitaki
Toshiyuki and Piero Carninci (RIKEN)
cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Incyte Genomics, Inc.
Clone distribution: MGC clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov
Plate: LLNL0041 row: d column: 17
High quality sequence stop: 20.
Location/Qualifiers
1..20
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:4375648"
/issue_type="hippocampus"
/lab_host="PH10B"
/clone_lib="NIH_MGC_95"
/note="Organ: brain; Vector: pBluescript (modified
pBluescript KS+); Site 1: BamHI; Site 2: SalI-XhoI
gtcgag; Oligo-dT primed using primer
5'-TTTTTTTTTTTTTN-3', size-selected for average
insert size 2.5 kb and normalized to 80% 5'. This is a
primary library enriched for full-length clones and
constructed using the Cap-trapper method (Carninci, in
preparation). Library constructed by M. Brownstein
(NIH/NHGRI, National Institutes of Health). Note: this
is a NIH_MGC library."

FEATURES
source

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3745 CCGCGCCCGCGCTGCGCT 3762
DB 18 CCGCGCACCGACTCCGCT 1

RESULT 204
AZ133204 20 bp DNA linear GSS 29-SEP-2000
LOCUS AZ133204/c
DEFINITION 1M0029P19F Mouse 10kb plasmid UGGCM library Mus musculus genomic
clone UGGCM0029P19 F, genomic survey sequence.

ACCESSION AZ313204
 VERSION AZ313204.1 GI:10357901
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)
 AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islan, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
 TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0029 row: P column: 19
 Seq primer: CGTTGTAACGACGCCAGT
 Class: plasmid ends
 High quality sequence stop: 20.
 FEATURES
 source
 1..20
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="U08C1M0029P19"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, TI-resistant, F-"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 1.9e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3965 CCTCCAGCACTCCAGG 3982
 |||||||
 DB 19 CCCCAGAACTCCAGG 2

RESULT 205
 AZ398062
 LOCUS AZ398062 20 bp DNA linear GSS 03-OCT-2000
 DEFINITION IM013M14F Mouse 10kb plasmid U08C1M library Mus musculus genomic
 clone U08C1M013M14 F, genomic survey sequence.
 ACCESSION AZ398062

VERSION AZ398062.1 GI:10513114
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)
 AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islan, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
 TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0163 row: M column: 14
 Seq primer: CGTTGTAACGACGCCAGT
 Class: plasmid ends
 High quality sequence stop: 20.
 FEATURES
 source
 1..20
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="U08C1M0163M14"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, TI-resistant, F-"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 1.9e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3967 TCCAGCACTCCAGG 3984
 |||||||
 DB 2 TCCAGCACTCCAGG 19

RESULT 206
 AZ436192/c
 LOCUS AZ436192 20 bp DNA linear GSS 03-OCT-2000
 DEFINITION IM023K14R Mouse 10kb plasmid U08C1M library Mus musculus genomic
 clone U08C1M023K14 R, genomic survey sequence.
 ACCESSION AZ436192
 VERSION AZ436192.1 GI:10560205

ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 20)

REFERENCE
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D., Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished (2000)

JOURNAL
COMMENT Contact: Robert B. Weis
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0407 row: 0 column: 20
Seq primer: CGTTGTAACGACGCCACGT
Class: plasmid ends
High quality sequence stop: 20.

FEATURES
source
1. .20
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUCG1M0407020"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUCG1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g14732114[gb|AF129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1676 GCAGATGAGAGCAAGCA 1693
Db 20 GCAGTAGAGAGCAAGTA 3

RESULT 209
AZ809952 20 bp DNA linear GSS 20-FEB-2001
LOCUS 2M0074O07F Mouse 10kb plasmid UUCG1M library Mus musculus genomic
DEFINITION clone UUCG2M0074O07 F, genomic survey sequence.
ACCESSION AZ809952
VERSION AZ809952.1 GI:12976731
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D., Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished (2000)

JOURNAL
COMMENT Contact: Robert B. Weis
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0074 row: 0 column: 07
Seq primer: CGTTGTAACGACGCCACGT
Class: plasmid ends
High quality sequence stop: 20.

FEATURES
source
1. .20
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUCG2M0074007"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUCG1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g14732114[gb|AF129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1756 CCCCCCTCCCAAGAGA 1773
Db 1 CCCCCCCCCCAAAAAA 18

RESULT 210
AZ938721 20 bp DNA linear GSS 26-APR-2001
LOCUS 2M0197H21F Mouse 10kb plasmid UUCG2M library Mus musculus genomic
DEFINITION clone UUCG2M0197H21 F, genomic survey sequence.
ACCESSION AZ938721
VERSION AZ938721.1 GI:13798760
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1 (bases 1 to 20)
 AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weis,R.
 TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weis
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0197 row: H column: 21
 Seq primer: CGTGTAAACGACGCGCCACT
 Class: plasmid ends
 High quality sequence stop: 20.
 Location/Qualifiers
 1..20
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC2M0197H21"
 /sex="Female"
 /lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGC2M library"
 /note="Vector: PMD42nv. Purified genomic DNA from M. musculus C57BL/6J (female) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PMD42 (G14732114|bp|AF129072.1), a copy-number inducible derivative of plasmid p1. The vector was ligated with adaptor complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 1.9e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 263 CCCCCCTCTCTCTCTT 280
 18 CCCCCCCCCGCTCTT 1

RESULT 211
 LOCUS AJ593450
 DEFINITION 20 bp DNA linear GSS 15-JAN-2004
 Arabidopsis thaliana T-DNA flanking sequence, left border, clone 380F06, genomic survey sequence.
 ACCESSION AJ593450
 VERSION AJ593450.1 GI:37943074
 KEYWORDS GSS; left border; T-DNA flanking sequence.
 SOURCE Arabidopsis thaliana (thale cress)
 ORGANISM Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

REFERENCE 1
 AUTHORS Brunaud,V., Balzergue,S., Dubreucq,B., Aubourg,S., Samson,F., Chauvin,S., Bechold,N., Cruaud,C., Derose,R., Pelletier,G., Lepiniec,L., Caboche,M. and Lecharny,A.
 TITLE T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites
 JOURNAL EMBO Rep. 3 (12), 1152-1157 (2002)
 MEDLINE 22363535
 PUBMED 12446565
 REFERENCE 2 (bases 1 to 20)
 AUTHORS Balzergue,S.
 TITLE Direct Submission
 JOURNAL Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE
 COMMENT PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at <http://dbsgap.versailles.inra.fr/publiclines/>. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (<http://www.genoplante.com> and <http://genoplante-info.infobiogen.fr>).
 Location/Qualifiers
 1..20
 /organism="Arabidopsis thaliana"
 /mol_type="genomic DNA"
 /cultivar="MassillaewikiJa"
 /db_xref="taxon:3702"
 /clone="380F06"
 /clone_lib="Arabidopsis thaliana T-DNA insertion lines"
 /note="T-DNA flanking sequence
 left border"

Query Match 0.3%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 1.9e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 325 CGCAGCTCAGTTTCCTT 342
 3 CGTGTCTAGTTTCATT 20

RESULT 212
 LOCUS AZ652627
 DEFINITION 22 bp DNA linear GSS 14-DEC-2000
 clone UUGC1M0525K24 R, genomic survey sequence.
 ACCESSION AZ652627
 VERSION AZ652627.1 GI:11789331
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 22)
 AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weis,R.
 TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weis
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606

Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0525 row: K column: 24
Seq primer: CACACAGGAAACACCTATGAC
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers

FEATURES
source

1. .22
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGGCM0525K24"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1lb="Mouse 10kb plasmid UGGCM library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match

Best Local Similarity 0.3%; Score 13.2; DB 1; Length 22;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 263 CCCCCCTCTCTCTT 280

Db 4 CCCCCCTCTCTCTT 21

RESULT 213
LOCUS A2387862/c 36 bp DNA linear GSS 02-OCT-2000
DEFINITION 1M0147M2R Mouse 10kb plasmid UGGCM library Mus musculus genomic
ACCESSION A2387862
VERSION A2387862.1 GI:10501570
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Scurionath; Muridae; Murinae; Mus. 1 (bases 1 to 36)
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Irlam, H., Longacre, S., Mahmood, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weis, R.
TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Contact: Robert B. Weiss
COMMENT University of Utah
University of Utah Genome Center
Km. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0147 row: M column: 22
Seq primer: CACACAGGAAACACCTATGAC
Class: plasmid ends
High quality sequence stop: 36.
Location/Qualifiers

FEATURES
source

1. .36
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGGCM0147M22"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1lb="Mouse 10kb plasmid UGGCM library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match

Best Local Similarity 61.8%; Pred. No. 3.1e+02;
Matches 21; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

Qy 2801 GGAAGAGAAATGATGAGAGAGAGAGAGAGAG 2834

Db 35 GGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2

RESULT 214
LOCUS AV673727/c 39 bp mRNA linear EST 05-OCT-2000
DEFINITION AV673727 Nori Satoh unpublished cDNA library Clona intestinalis
ACCESSION AV673727
VERSION AV673727.1 GI:10111726
KEYWORDS EST.
SOURCE Clona intestinalis
ORGANISM Clona intestinalis
REFERENCE Eukaryota; Metazoa; Chordata; Urochordata; Ascidiacea; Enterogona; Phlebobranchia; Cloniidae; Clona. 1 (bases 1 to 39)
AUTHORS Satoh, N., Satou, Y., Kohara, Y. and Shin-I, T.
TITLE Expressed genes in Clona intestinalis
JOURNAL Unpublished (2000)
COMMENT Contact: Nori Satoh
Department of Zoology
Kyoto University
Sakyo-ku, Kyoto, Kyoto 606-8502, Japan
Tel: 81-75-753-4081
Fax: 81-75-705-1113
Email: satoh@acidian.zool.kyoto-u.ac.jp.
FEATURES
source
1. .39
/organism="Clona intestinalis"
/mol_type="mRNA"
/db_xref="taxon:7719"

CF302285/c 20 bp mRNA linear EST 15-AUG-2003
 LOCUS 7LEAF--07-K06.g1 Rice leaf plasmid cDNA library II (7LEAF) Oryza
 DEFINITION sativa (japonica cultivar-group) cDNA clone 7LEAF--07-K06, mRNA
 sequence.
 ACCESSION CF302285
 VERSION CF302285
 KEYWORDS EST.
 SOURCE Oryza sativa (japonica cultivar-group)
 ORGANISM Oryza sativa (japonica cultivar-group)
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
 Eriophytaceae; Oryzoideae; Oryzae.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C.,
 Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
 TITLE Large-scale Sequencing Analysis of Rice ESTs
 JOURNAL Unpublished (2003)
 COMMENT Contact: Nahm B.H.
 Genomics and Genetics Institute, Greengene Biotech Inc., Division
 of Bioscience and Bioinformatics, Myongji University
 Yongin, Kyonggi, Korea
 Tel: 82 31 321 6193
 Fax: 82 31 321 6355
 Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.
 Location/Qualifiers
 1..20
 /organism="Oryza sativa (japonica cultivar-group)"
 /mol_type="mRNA"
 /cultivar="Nackdong"
 /db_xref="taxon:39947"
 /clone="7LEAF--07-K06"
 /tissue_type="leaf"
 /dev_stage="7 days after germination"
 /lab_host="E. coli DH10B"
 /clone_1b="Rice leaf plasmid cDNA library II (7LEAF)"
 /note="Vector: PCR4-TOPO; Site 1: EcoRI; mRNA was capped
 with oligoribonucleotides and then used as templates for
 RT-PCR."

Query Match 0.2%; Score 13; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 2e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3947 GAGCCCGCGCGTG 3959
 |||||
 17 GAGCCCGCGCGTG 5

RESULT 218
 LOCUS A1073810 40 bp mRNA linear EST 06-AUG-1998
 DEFINITION oy69d05.x1 NCI CGAP CLL1 Homo sapiens cDNA clone IMAGE:1671081 3'
 similar to TR:000145 000145 SH2 CONTAINING INOSITOL-5-PHOSPHATASE.
 ; mRNA sequence.
 ACCESSION A1073810
 VERSION A1073810.1 GI:3400454
 KEYWORDS EST.
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens (human)
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 REFERENCE 1 (bases 1 to 40)
 AUTHORS NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
 TITLE National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
 Tumor Gene Index
 JOURNAL Unpublished (1997)
 COMMENT Contact: Robert Strausberg, Ph.D.
 Email: cgaps-remail.nih.gov
 Tissue Procurement: Ash Alizadeh, John Byrd, M.D., Mike Grever,
 M.D., Louis M. Staudt, M.D., Ph.D.
 cDNA Library Preparation: M. Bento Soares, Ph.D.
 cDNA Library Arrayed by: Greg Lennon, Ph.D.

DNA Sequencing by: Washington University Genome Sequencing Center
 Clone distribution: NCI-CGAP clone distribution information can be
 found through the I.M.A.G.E. Consortium/LLNL at:
 www-bio.llnl.gov/dbfp/image/image.html

Trace considered overall poor quality
 Seq primer: -40ml3 fwd. ET from Amersham
 High quality sequence stop: 1.
 Location/Qualifiers
 1..40
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clone="IMAGE:1671081"
 /tissue_type="B-cell, chronic lymphocytic leukemia"
 /lab_host="DH10B"
 /clone_1b="NCI CGAP CLL1"
 /note="Vector: pT73D-Pac (Pharmacia) with a modified
 polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA
 was primed with a Not I - oligo(dT) primer (5'
 T 3'); double-stranded cDNA was ligated to Eco RI
 adaptors (Pharmacia), digested with Not I and cloned into
 the Not I and Eco RI sites of the modified pT73 vector.
 Library is normalized, and was constructed by Bento
 Soares and M. Fatima Bonaldo."

Query Match 0.2%; Score 13; DB 1; Length 40;
 Best Local Similarity 65.5%; Pred. No. 2.9e+02;
 Matches 19; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 3357 GACTCCCGCTGGGCGCTGCAGGAGGAGA 3385
 |||||
 1 GACTTCCTTCCTGTCTGTCATGGGTGA 29

RESULT 219
 LOCUS B0591682 16 bp mRNA linear EST 06-DEC-2002
 DEFINITION B012616-024-017-A01-SP6 MP12-ADIS-024-storage root Beta vulgaris
 cDNA clone 024-017-A01 5-PRIME, mRNA sequence.
 ACCESSION B0591682
 VERSION B0591682.1 GI:26121265
 KEYWORDS EST.
 SOURCE Beta vulgaris
 ORGANISM Beta vulgaris
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 Caryophyllales; Amaranthaceae; Beta.
 REFERENCE 1 (bases 1 to 16)
 AUTHORS Herwig, R., Schulz, B., Weishaar, B., Hennig, S., Steinfath, M.,
 Drungowski, M., Stahl, D., Wruick, W., Menze, A., O'Brien, D., Lehnach, H.
 and Radloff, U.
 TITLE Construction of a 'unigene' cDNA clone set by oligonucleotide
 fingerprinting allows access to 25 000 potential sugar beet genes
 JOURNAL MEDLINE
 PUBMED 22362189
 COMMENT Contact: Weishaar B
 ADIS DNA core facility at MP12
 Max-Planck-Institute for Plant Breeding Research
 Carl-von-Linne Weg 10, 50829 Koeln, Germany
 Fax: 00492215062851
 Email: weishaar@mpiz-koeln.mpg.de
 Insert Length: 16 Std Error: 0.00
 Plate: 17 row: A column: 01
 Seg primer: SP6; CATACGATTTCGTGACACTATAG.
 Location/Qualifiers
 1..16
 /organism="Beta vulgaris"
 /mol_type="mRNA"
 /cultivar="KWS2320 (double haploid, monogerm breeding
 line)"

```

/db_xref="GABI:189437"
/db_xref="taxon:161934"
/clone="024-017-A01"
/tissue_type="storage root"
/lab_host="EMDH10B"
/clone_lib="MP12-ADIS-024-storage root"
/notes="Vector: PCWSPORT6; Site 1: Sali; Site 2: Nott;
cDNA library from sugar beet, library provided by KMS
Kleinanzieblerer Saatgut AG Einbeck, Germany, contact:
b.schulze@kms.de; cloning sites Sali-Nott, primer sites and
orientation:
Seq-Sali-CCAGCGCTCCG-Sprime-cDNA-polyA-CC-Nott-T7; Note:
Sequencing granted in the context of the GABI-Beet
project, local PI: Dr. Katharina Schneider, coordinator:
Prof. Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"

Query Match      0.2%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5223 ATTCGATGATGAG 5238
Db      1 ATTCTGATGAGAG 16

RESULT 220
CA853355      18 bp mRNA linear EST 01-AUG-2003
LOCUS      B07C12.5eq cDNA Peking library 12hr SCN3 glycine max cDNA clone
DEFINITION      B07C12.5, mRNA sequence.
ACCESSION      CA853355
VERSION      CA853355.1 GI:33390148
KEYWORDS      EST.
SOURCE      Glycine max (soybean)
ORGANISM      Glycine max (soybean)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids I; Fabales; Fabaceae; Papilionaceae; Phaseoleae;
glycine.
1 (bases 1 to 18)
Alkharouf, N.W., Khan, R. and Matthews, B.F.
Analysis of expressed sequence tags from roots of resistant soybean
infected by the soybean cyst nematode
Unpublished (2002)
Contact: Alkharouf, N.W.
Soybean Genomics and Improvement Laboratory (SGIL)
US Department of Agriculture (USDA), ARS, PSI
Bldg. 006, Rm 118, 10300 Baltimore Ave., Beltsville, MD 20705-2350,
USA
Tel: 301 504 5750
Fax: 301 504 5728
Email: alkharouf@ars.usda.gov.

FEATURES
source
1..18
/organism="Glycine max"
/mol_type="mRNA"
/cultivar="Peking"
/db_xref="taxon:3847"
/clone="B07C12"
/tissue_type="Roots"
/dev_stage="Seedlings"
/clone_lib="cDNA Peking library 12hr SCN3"
/notes="Vector: pBluescript SK-; cDNA clones from mRNA
extracted from roots of soybean cv. Peking 12 hrs after
infection by SCN race 3. These are cloned in pBluescript
SK- phagemid."

Query Match      0.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5018 CAGGAGGGTGGCCTC 5034

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```

Db      18 CAGGAGGGTGTTCCTC 2

RESULT 221
CR555236      18 bp mRNA linear EST 12-JUL-2004
LOCUS      DKFP468N1017_r1 468 (synonym: phrt1) Pongo pygmaeus cDNA clone
DEFINITION      DKFP468N1017_5, mRNA sequence.
ACCESSION      CR555236
VERSION      CR555236.1 GI:50245165
KEYWORDS      EST.
SOURCE      Pongo pygmaeus (orangutan)
ORGANISM      Pongo pygmaeus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Pongo.
1 (bases 1 to 18)
Bloeker, H., Boecker, M., Brandt, P., Mewes, H.W., Weill, B., Amid, C.,
Oesinger, A., Febo, G., Han, M. and Wiemann, S.
Pongo pygmaeus mRNA (Bloeker, H., Boecker, M., Brandt, P., et al.)
Unpublished (2004)
Contact: MIPS

REFERENCE
AUTHORS      Bloeker, H., Boecker, M., Brandt, P., Mewes, H.W., Weill, B., Amid, C.,
Oesinger, A., Febo, G., Han, M. and Wiemann, S.
TITLE      Pongo pygmaeus mRNA (Bloeker, H., Boecker, M., Brandt, P., et al.)
JOURNAL      Unpublished (2004)
COMMENT      MIPS

MIPS
Ingolstaedter Landstr.1, D-85764 Neuherberg, Germany
This is the 5' sequence of the clone insert from S. Wiemann,
Molecular Genome Analysis, German Cancer Research Center (DKFZ);
Email s.wiemann@kfz-heidelberg.de; sequenced by GBF (National
Research Centre for Biotechnology Ltd., Braunschweig/Germany)
Within the cDNA sequencing consortium of the German Genome Project.
This clone (DKFP468N1017) is available at the RZPD in Berlin.
Please contact the RZPD: Ressourcenzentrum, Heubnerweg 6, 14059
Berlin-Charlottenburg, GERMANY; Email: clone@rzpd.de further
information about the clone and the sequencing project is available
at http://mips.gsf.de/projects/cdna/.

FEATURES
source
1..18
/organism="Pongo pygmaeus"
/mol_type="mRNA"
/db_xref="taxon:9600"
/clone="DKFP468N1017"
/tissue_type="heart"
/dev_stage="adult"
/lab_host="DH10B"
/clone_lib="468 (synonym: phrt1)"
/notes="Vector: pSPORT1_Sfi; Site 1: Sfi1a; Site 2: Sfi1B"
Location/Qualifiers

Query Match      0.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3449 AAACCGGGTCTCCTC 3464
Db      2 AAATCGGGGCTTCCT 17

RESULT 222
AA954509      19 bp mRNA linear EST 23-JUN-1998
LOCUS      on81d05.61 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone
DEFINITION      IMAGE:1563081 3' similar to TR:Q24035 Q24035 ENA POLYPEPTIDE.
ACCESSION      AA954509
VERSION      AA954509.1 GI:3118204
KEYWORDS      EST.
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
1 (bases 1 to 19)
NCI-CCAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
Unpublished (1997)

```

COMMENT

Contact: Robert Strausberg, Ph.D.
Email: cgabs-remail.nih.gov
This clone is available royalty-free through LNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 754 Std Error: 0.00
Seq primer: -40m13 fwd. RT from Amersham
High quality sequence stop: 1.
Location/Qualifiers

FEATURES

Source

1. .19
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1563081"
/lab_host="DH10B"
/clone_lib="Soares_NFL_T_GBC_S1"
/note="Organ: pooled; Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker; Site 1: Not I; Site 2: Eco RI; Equal amounts of plasmid DNA from three normalized libraries (fetal lung NBH19w, testis NHT, and B-cell NCI-CGAP GCBI) were mixed, and ss circles were made in vitro. Following HAP purification, this DNA was used as tracer in a subtractive hybridization reaction. The driver was PCR-amplified cDNAs from pools of 5,000 clones made from the same 3 libraries. The pools consisted of I.M.A.G.E. clones 297480-302087, 682632-687239, 726408-728711, and 729096-731399. Subtraction by Bento Soares and M. Fatima Bonaldo."

Query Match

Best Local Similarity 87.5%; Pred. No. 2e+02; Length 19;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY

3844 CCCAGGCCCGCGTCC 3859
|||||
1 CCCAGGCCCGCGGGC 16

Db

RESULT 223
AA954509 19 bp mRNA linear EST 23-JUN-1998
LOCUS
DEFINITION
AA954509.1 Soares NFL T GBC S1 Homo sapiens cDNA clone
IMAGE:1563081 3; similar to TR:Q24035 Q24035 ENA POLYPEPTIDE.
;contains element MSRI repetitive element ;, mRNA sequence.

ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
AA954509.1 GI:3118204
EST.
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
1 (bases 1 to 19)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index

JOURNAL
COMMENT
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgabs-remail.nih.gov
This clone is available royalty-free through LNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 754 Std Error: 0.00
Seq primer: -40m13 fwd. RT from Amersham
High quality sequence stop: 1.
Location/Qualifiers

FEATURES

Source

1. .19
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1563081"
/lab_host="DH10B"
/clone_lib="Soares_NFL_T_GBC_S1"
/note="Organ: pooled; Vector: pT7T3D-Pac (Pharmacia) with

Query Match
Best Local Similarity 87.5%; Pred. No. 2e+02; Length 19;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY

4040 GGGGCCACGAGGCGCT 4055
|||||
19 GGGGCCCGCGGGCGCT 4

Db

RESULT 224
C00981 19 bp mRNA linear EST 31-DEC-2002
LOCUS
DEFINITION
HUMGS0003370 Human adult (K.Okubo) Homo sapiens cDNA, mRNA
sequence.

ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
C00981.1 GI:1433211
EST.
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
Okubo, K.
BodyMap: human gene expression database
Unpublished (1995)
Contact: Okubo, K.
Institute for Molecular and Cellular Biol
Osaka University
1-3, Yamada-Oka, Suita, Osaka Pref. 565, Japan
Tel: 06-877-5111(ex.3315)
Email: kouen@imcb.osaka-u.ac.jp
We are not submitting the same cDNA sequence redundantly to DDBJ
since 1993. For the abundance information of clones with this
sequence in this library and as well as in other 3-directed
libraries, see 'http://www.imcb.osaka-u.ac.jp/bodymap'. The
sequences of the clones represented by this GS sequences is also
found there.

FEATURES

Source

1. .19
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/dev_stage="adult"
/clone_lib="Human adult (K.Okubo)"
/note="One or more human adult tissue"

Query Match
Best Local Similarity 87.5%; Pred. No. 2e+02; Length 19;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY

441 CCTCGCTCCCTCGG 456
|||||
4 CCTCTGCTCCCTCTG 19

Db

RESULT 225
C0792214/c 19 bp mRNA linear EST 05-AUG-2004
LOCUS
DEFINITION
NT014C A10 Sc18-22 Neural tube (NT) Amblyotoma mexicanum cDNA 5'
similar to hypothetical protein, mRNA sequence.
ACCESSION
C0792214

VERSION CO792214.1 GI:51008185
 KEYWORDS EST.
 SOURCE Ambystoma mexicanum (exotolcl)
 ORGANISM Ambystoma mexicanum
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Amphibia; Batrachia; Caudata; Salamandroidae; Ambystomatidae; Ambystoma.
 REFERENCE 1 (bases 1 to 19)
 AUTHORS Habermann, B., Behn, A.G., Herklotz, S., Volkmer, M., Eckelt, K., Pehlke, K., Eppeler, H.H., Schackert, H.K., Wiebe, G. and Tanaka, E.M.
 TITLE An Ambystoma mexicanum EST sequencing project: Analysis of 17,352 expressed sequence tags from embryonic and regenerating blastema cDNA libraries
 JOURNAL Genome Biol. (2004) In press
 COMMENT Contact: Billy M. Tanaka
 Tanaka lab
 Max Planck Institute of Molecular Cell Biology and Genetics, Dresden
 Pfothenhauserstrasse 108, 01307 Dresden, Germany
 Tel: 0049 351 210 2620
 Fax: 0049 351 210 1489
 Email: tanaka@mpi-cbg.de
 Plate: NT014C row: 10 column: A
 Seq primer: GCA CAT TAG GCC TAT TTA GGT GAC A.
 Location/Qualifiers
 1. 19
 /organism="Ambystoma mexicanum"
 /mol_type="mRNA"
 /db_xref="taxon:8296"
 /feature_type="Neutral Tube, Notochord, Somites"
 /cell_type="Includes Neural tube, notochord, somites"
 /dev_stage="Stage 18-22"
 /clone_lib="Sc18-22 Neural tube (NT)"
 /note="Vector: pCMVSPORT6; Site 1: NotI; Site 2: SalI; Unnormalized cDNA plasmid library prepared by Invitrogen. Size fractionated mRNA was polydt primed and cloned into NotI-SalI site of pCMVSPORT6. Bacterial host is EMDH10B-TONA. Average insert size is 1.5 kb.
 TAG_LIB=NT"
 Query Match 0.2%; Score 12.8; DB 1; Length 19;
 Best Local Similarity 87.5%; Pred. No. 2e+02; Indels 0; Gaps 0;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 4121 CGGCGTGAAGCCACTG 4136
 Db 19 CGGCGTGAAGCCCTCTG 4
 RESULT 226
 AZ307686 19 bp DNA linear GSS 28-SEP-2000
 LOCUS 1M0009805R Mouse 10kb plasmid UGCGIM library Mus musculus genomic
 DEFINITION clone UGCGIM0009805 R, genomic survey sequence.
 ACCESSION AZ307686
 VERSION AZ307686.1 GI:10346924
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 REFERENCE 1 (bases 1 to 19)
 AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weis, R.
 TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weis
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT

84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0009 row: B column: 05
 Seq primer: CACACGAGAACGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 19.
 Location/Qualifiers
 1. 19
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGCGIM0009805"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UGCGIM library"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
 Query Match 0.2%; Score 12.8; DB 1; Length 19;
 Best Local Similarity 87.5%; Pred. No. 2e+02; Indels 0; Gaps 0;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 3080 GGGCAAGACGAGGAG 3095
 Db 19 GGGCAAGATGAGGAG 4
 RESULT 227
 AZ761834 19 bp DNA linear GSS 16-FEB-2001
 LOCUS 1M055619F Mouse 10kb plasmid UGCGIM library Mus musculus genomic
 DEFINITION clone UGCGIM055619 F, genomic survey sequence.
 ACCESSION AZ761834
 VERSION AZ761834.1 GI:12871174
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 REFERENCE 1 (bases 1 to 19)
 AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weis, R.
 TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weis
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT

Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0556 row: E column: 19
 Seq primer: CGTGTGTAACGACGCGCCACT
 Class: plasmid ends
 High quality sequence stop: 19.
 Location/Qualifiers

FEATURES

source

1.19
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUC1M0556R19"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_1lb="Mouse 10kb plasmid UUC1M library"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PMD42 (g14732114[SP]AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptor complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.8; DB 1; Length 19;
 Best Local Similarity 87.5%; Pred. No. 2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2072 GGGAGCGGTGGGGGTG 2087
 Db 1 GGGCGCGGTGGGGGTG 16

RESULT 228
 CL683526 19 bp DNA linear GSS 09-JUL-2004
 LOCUS PRI0137A_F08_2 - PRI0137A.BR (19) Mixed stage fosmid library of P. pacificus var. California Pristionchus pacificus genomic survey sequence.
 CL683526
 GSS. CL683526.1 GI:50191279
 Pristionchus pacificus
 Pristionchus pacificus
 Eukaryota; Metazoa; Nematoda; Chromadorea; Diplogasterida; Neodiplogasteridae; Pristionchus.
 1 (bases 1 to 19)
 Stinivaasen, J., Otto, G.W., Kahlow, U., Geisler, R. and Sommer, R.J.
 AppaB: an Acedb database for the nematode satellite organism Pristionchus pacificus
 Nucleic Acids Res. 32 (1), D421-D422 (2004)
 Contact: Sommer RJ
 Evolutionary Biology
 Max-Planck-Institute for Developmental Biology
 Semmelnstr. 37-39, Tuebingen D-72076, Germany
 Tel: 00497071601371
 Fax: 00497071601498
 Email: ralf.sommer@tuebingen.mpg.de
 This library was generated at Caltech, Pasadena, USA and end

sequenced at Vancouver, Canada.
 Seq primer: T7
 Class: fosmid ends
 Location/Qualifiers

FEATURES

source

1.19
 /organism="Pristionchus pacificus"
 /mol_type="genomic DNA"
 /strain="California"
 /db_xref="taxon:54126"
 /clone_1lb="Mixed stage fosmid library of P. pacificus var. California"
 /note="Vector: pBplfos-5 Fosmid vector"

Query Match 0.2%; Score 12.8; DB 1; Length 19;
 Best Local Similarity 87.5%; Pred. No. 2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 920 CTGTGAGCCAGAG 935
 Db 16 CTATGAGCAAGAG 1

RESULT 229
 AZ805923 24 bp DNA linear GSS 20-FEB-2001
 LOCUS AZ805923/c 2M0067N05R Mouse 10kb plasmid UUC1M library Mus musculus genomic clone UUC2M0067N05 R, genomic survey sequence.
 DEFINITION
 AZ805923
 GSS. AZ805923.1 GI:1296734
 Pristionchus pacificus
 Mus musculus (house mouse)
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 24)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D. Weiss, R.
 Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0067 row: N column: 05
 Seq primer: CACACAGAAACGCTATGACG
 Class: plasmid ends
 High quality sequence stop: 24.
 Location/Qualifiers

FEATURES

source

1.24
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUC2M0067N05"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_1lb="Mouse 10kb plasmid UUC1M library"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were

ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.8; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4190 GCTTGTCTTTTCAGG 4205
DB 18 GCTTGTCTTTTCAGG 3

RESULT 230
LOCUS AZ321269 26 bp DNA linear GSS 29-SEP-2000
DEFINITION 1M0041A23R Mouse 10kb plasmid UGCGIM library Mus musculus genomic
ACCESSION AZ321269
VERSION AZ321269
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
AUTHORS Dunn, D., Ayagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmood, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tinney, A., von Niederhausern, A. and Wright, D., Weis, R.
TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLG, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0041 row: A column: 23
Seq primer: CACACAGAAACGCTATGACC
Class: plasmid ends
High quality sequence stop: 26.
Location/Qualifiers
1..26
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCGIM0041A23"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1ib="Mouse 10kb plasmid UGCGIM library"
/note="Vector: pMD42ny, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The

adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.8; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5027 TGGGCTCTTGTTCC 5042
DB 3 TGGGCTCTTGTTCC 18

RESULT 231
LOCUS AJ802263 36 bp mRNA linear EST 11-AUG-2004
DEFINITION AJ802263 Antirrhinum majus whole plant Antirrhinum majus cDNA clone
ACCESSION AJ802263
VERSION AJ802263
KEYWORDS EST.
SOURCE Antirrhinum majus (snapdragon)
ORGANISM Antirrhinum majus
REFERENCE Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; asterids; lamiales; Lamiales; Plantaginaceae; Antirrhineae; Antirrhinum.
AUTHORS Zachgo, S., Stueber, K., Saedler, H., Sommer, H. and Schwarz-Sommer, Z.
TITLE Antirrhinum EST collection
JOURNAL Unpublished (2003)
COMMENT Contact: Schwarz-Sommer Z
Molekulare Pflanzen-genetik
MPI fuer Zuechtungs-forschung
Carl-von-Linne Weg 10, D-50829, Germany.
FEATURES
source
1..36
/organism="Antirrhinum majus"
/mol_type="mRNA"
/db_xref="taxon:4151"
/clone="018_5_03_112"
/tissue_type="whole plant"
/clone_1ib="Antirrhinum majus whole plant"

Query Match 0.2%; Score 12.8; DB 1; Length 36;
Best Local Similarity 62.5%; Pred. No. 3.2e+02;
Matches 20; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 2802 GAAGAGAAATGAAGAGAGAGGCGGA 2833
DB 5 GAGAGAGAGAGAGAGAGAGAGAGGCGGA 36

RESULT 232
LOCUS AA909236 19 bp mRNA linear EST 09-JUN-1998
DEFINITION 0108a11.61 Soares NFL T_GBC_S1 Homo sapiens cDNA clone IMAGE:1522844 3' similar to SW-EXIN_DAUCA P06559 EXTENSIN
ACCESSION AA909236
VERSION AA909236
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

/note="Organ: lung; Vector: pT73D (Pharmacia) with a modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5'-TGTTACCATCGAGTGGAGCGCCGCAATTTTCTTTTCTTT-3'], double-stranded cDNA was size selected, ligated to Eco RI adapters (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pT73 vector (Pharmacia). Library went through one round of normalization to a Cot = 5. Library constructed by Benco Soares and M. Fatima Bonaldi. This library was constructed from the same fetus as the fetal heart library, Soares fetal heart NDH19W."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2,1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4587 GGAGGGGTGAAGCATTAA 4605
DB 19 GGAGGGGTGAAGAACCA 1

RESULT 235
LOCUS A1443363 19 bp mRNA linear EST 23-JUL-2004
DEFINITION sa31a08.x1 Gm-c1004 Glycine max cDNA clone GENOME SYSTEMS CLONE ID:
Gm-c1004-879 3' similar to WP:R2D1.2 CE17246 ;, mRNA sequence.
ACCESSION A1443363
VERSION A1443363.1 GI:4302646

KEYWORDS EST.
SOURCE Glycine max (soybean)
ORGANISM Glycine max

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids I; Fabales; Fabaceae; Papilionoideae; Phaseoleae;
Glycine.

1 (bases 1 to 19)

Shoemaker, R., Keim, P., Vodkin, L., Erpelding, J., Coryell, V.,
Khanna, A., Bolla, B., Marra, M., Hillier, L., Kucaba, T., Martin, J.,
Beck, C., Wylie, T., Underwood, K., Stepien, M., Theising, B., Allen, M.,
Bowers, Y., Person, B., Swaller, T., Gibbons, M., Pepe, D., Harvey, N.,
Schurk, R., Ritter, E., Kohn, S., Shin, T., Jackson, Y., Cardenas, W.,
McCam, R., Waterston, R. and Wilson, R.
Public Soybean EST Project
Unpublished (1999)

Other ESTs: sa31a08.y1
Contact: Shoemaker R/Public Soybean EST Project
Public Soybean EST Project
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108, USA
Tel: 314 286 1800
Fax: 314 286 1810

Email: est@wustl.edu

When it has been determined, an EST from the other end of this
clone is listed in the 'Other ESTs on clone' field. Other ESTs:
sa31a08.y1 Trace considered overall poor quality Possible reversed

clone: similarity on wrong strand This clone is available through:
Biogenetic Services, 801 32nd Ave. Brookings, SD 57006 USA (phone:
800 423 4163; email: info@biogeneticservices.com)

Insert Length: 1580 Std Error: 0.00

Seq primer: -40UP from Gibco
High quality sequence stop: 1
POLYA=No.

FEATURES
Location/Qualifiers

1..19
/organism="Glycine max"
/mol_type="mRNA"
/cultivar="Williams"
/db_xref="taxon:3847"
/clone="GENOME SYSTEMS CLONE ID: Gm-c1004-879"
/issue_type="root"
/lab_host="X10-Gold"
/clone_lib="Gm-c1004"

/note="Vector: pBluescript II Xr; Site 1: EcoRI; Site 2:
XhoI; Root cDNA. The mRNA was isolated from entire roots
of 8 day old 'Williams' seedlings which were propagated on
paper towels with distilled water. Stratagene's cDNA
Synthesis Kit (catalog #200401) was used to synthesize the
cDNA. First- strand synthesis was performed with 5-methyl
dCTP, hence the ligated cDNA is hemimethylated.
Stratagene's first-strand synthesis primer was used
[GAGAGAGAGAGAGAGACTGCTCGAG(7)-18]. After
second-strand synthesis, the cDNA ends were 'polished'
with clone Pfu DNA polymerase, ligated to EcoRI adapters,
and phosphorylated. The XhoI site within the first-strand
synthesis primer was restricted by digestion with XhoI;
all XhoI sites in the cDNA would be protected by their
hemimethylated status. The cDNA constructs were
size-fractionated with a 500bp cutoff, using GibcoBRL Life
Technologies' cDNA Size Fractionation column. The column
eluent was then ligated into Stratagene's pBluescript II
Xr Predigested vector (pBluescript II SK(+)) that had been
digested with EcoRI and XhoI, and phosphorylated). Both
the white and blue colonies appear to contain recombinant
plasmids with cDNA inserts. Blue colonies 9n-15) have been
sequenced, and possess putative cDNA inserts. This library
was constructed by Dr. Paul Keim & Virginia H. Coryell,
Department of Biology, Box5640, Northern Arizona
University, Flagstaff, AZ 86011, Phone: 520-523-1078 (Dr.
Paul Keim), 520-523-1372 (Virginia H. Coryell), Fax:
520-523-7500, email: paul.keim@uau.edu,
virginia.coryell@uau.edu"

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2,1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1752 AACGCCCCCCTCCCAAGA 1770
DB 1 ACCCCCCCCCCCCCAAA 19

RESULT 236
LOCUS A1683556/c 19 bp mRNA linear EST 16-DEC-1999
DEFINITION tx67h08.x1 NCI-CCAP Utl Homo sapiens cDNA clone IMAGE:2274687 3'
similar to TR:O24099 O24099 MTN12 ;, mRNA sequence.
ACCESSION A1683556
VERSION A1683556.1 GI:4893738

KEYWORDS EST.
SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

1 (bases 1 to 19)

NCI-CCAP <http://www.ncbi.nlm.nih.gov/ncicgap>.
National Cancer Institute, Cancer Genome Anatomy Project (CCAP),
Tumor Gene Index

Unpublished (1997)

Contact: Robert Strausberg, Ph.D.
Email: cgapb-remail.nih.gov

Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R.
Emmert-Buck, M.D., Ph.D.

cDNA Library Preparation: Life Technologies, Inc.
cDNA Library Arrayed by: Greg Lennon, Ph.D.

DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CCAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LNL at:

www-bio.lnl.gov/bbtp/image/image.html

Trace considered overall poor quality
Insert Length: 1385 Std Error: 0.00

Seq primer: -40UP from Gibco

High quality sequence stop: 1.

Location/Qualifiers

1..19

/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2274687"
/tissue_type="well-differentiated endometrial
adenocarcinoma, 7 pooled tumors"
/lab_host="DH108"
/clone_1ib="NCI CGAP UCL1"
/note="Organ: uterus; Vector: PCMV-SPORT6; Site_1: SalI;
Site_2: NotI; Cloned unidirectionally. Primer: Oligo dt.
Average insert size 1.75 kb. Life Technologies catalog #:
11538-014"

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2833 AGCTGCTGTGAAGTTGG 2851
DB 19 AGGAGCTGTGTGAAGTTGG 1

RESULT 237
BM396331 19 bp mRNA linear EST 17-JAN-2002
LOCUS 5009-0-2-E02.t.1 Chilcoat/Turkewitz cDNA (large fraction)
DEFINITION Tetrahymena thermophila cDNA, mRNA sequence.
ACCESSION BM396331
VERSION BM396331.1 GI:18196384
KEYWORDS EST.
SOURCE Tetrahymena thermophila
ORGANISM Tetrahymena thermophila
Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomatida; Tetrahymenina; Tetrahymena.
1 (bases 1 to 19)
Turkewitz, A.P., Karrer, K.M., Jahn, C., Orías, E., Kirk, K.E.,
Frankel, J., and Klobutcher, L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells
Unpublished (2002)
Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.

FEATURES
source

1. 19
Location/Qualifiers
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_1ib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 3354 AAGGACTCCCGCTGGGCGC 3372
DB 1 AATGACTCACC CGCGTGGC 19

RESULT 238
CF282240 19 bp mRNA linear EST 14-AUG-2003
LOCUS CF282240
DEFINITION 14ETL--09-K13.g1 Rice etiolated leaf plasmid cDNA library (14ETL)
Oryza sativa (japonica cultivar-group) cDNA clone 14ETL--09-K13,
mRNA sequence.

ACCESSION CF282240
VERSION CF282240.1 GI:33659627
KEYWORDS EST.
SOURCE Oryza sativa (japonica cultivar-group)
ORGANISM Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Eriaristidae; Oryzaceae; Oryza.
1 (bases 1 to 19)
Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C.,
Song, S.I., Kim, J.K., Kim, Y.-K., and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc., Division
of Bioscience and Bioinformatics, Myongji University
Yongin, Kyonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.

FEATURES
source

1. 19
Location/Qualifiers
/organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39847"
/clone="14ETL--09-K13"
/tissue_type="leaf"
/dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
/clone_1ib="Rice etiolated leaf plasmid cDNA library
(14ETL)"
/note="Vector: pCR4-TOPO, Site_1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1748 GGGTAAAGCCCGCTCCC 1766
DB 1 GGGGAGACCCCGCCCCCCC 19

RESULT 239
AZ315293 19 bp DNA linear GSS 29-SEP-2000
LOCUS 1M0032P20F Mouse 10kb plasmid UGCGIM library Mus musculus genomic
DEFINITION clone UGCGIM0032P20 F, genomic survey sequence.
ACCESSION AZ315293
VERSION AZ315293.1 GI:10362003
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacom, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A., and Wright, D., Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu

Seq primer: CGTTGTAACGACGCGCAGT
 Class: plasmid ends
 High quality sequence stop: 19.
 Location/Qualifiers

FEATURES

source

1.19
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGCLM0080D04"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_1lb="Mouse 10kb plasmid UGCLM library"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
 Best Local Similarity 78.9%; Pred. No. 2.1e+02;
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2164 GAACCAAACTATATGA 2182
 Db 1 GAAACCAAAACACATTAA 19

RESULT 242
 AZ406101/c
 LOCUS 19 bp DNA linear GSS 03-OCT-2000
 DEFINITION 1M017501F Mouse 10kb plasmid UGCLM library Mus musculus genomic
 clone UGCLM017501 F, genomic survey sequence.
 ACCESSION AZ406101
 VERSION AZ406101.1 GI:10530114
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 19)
 REFERENCE Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
 Isian,H., Longacre,S., Mahmud,M., Meenen,E., Pedersen,T.,
 Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
 Niederhausern,A. and Wright,D.,Weiss,R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 Unpublished (2000)
 JOURNAL Contact: Robert B. Weiss
 COMMENT University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0155 row: N column: 21
 Seq primer: CACACAGAAACGACCTATGACC

Class: plasmid ends
 High quality sequence stop: 19.
 Location/Qualifiers

FEATURES

source

1.19
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGCLM0155N21"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_1lb="Mouse 10kb plasmid UGCLM library"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
 Best Local Similarity 78.9%; Pred. No. 2.1e+02;
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 688 AAGATGATAATTCAGTGT 706
 Db 1 AAGATGATAATTCAGTCT 19

RESULT 243
 AZ406101/c
 LOCUS 19 bp DNA linear GSS 03-OCT-2000
 DEFINITION 1M017501F Mouse 10kb plasmid UGCLM library Mus musculus genomic
 clone UGCLM017501 F, genomic survey sequence.
 ACCESSION AZ406101
 VERSION AZ406101.1 GI:10530114
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 19)
 REFERENCE Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
 Isian,H., Longacre,S., Mahmud,M., Meenen,E., Pedersen,T.,
 Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
 Niederhausern,A. and Wright,D.,Weiss,R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 Unpublished (2000)
 JOURNAL Contact: Robert B. Weiss
 COMMENT University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0175 row: O column: 11
 Seq primer: CGTTGTAACGACGCGCAGT
 Class: plasmid ends

FEATURES High quality sequence stop: 19.

Location/Qualifiers

1. 19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCIM0175011"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1ib="Mouse 10kb plasmid UGCM library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (G14732114|9b|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;

Best Local Similarity 78.9%; Pred. No. 2.1e+02;

Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4280 AAAAGCACACCGACGG 4298

DB 19 AAAAGCACACCAACAG 1

RESULT 244

AZ476180

LOCUS 19 bp DNA linear GSS 04-OCT-2000

DEFINITION IM0294F16R Mouse 10kb plasmid UGCM library Mus musculus genomic

ACCESSION AZ476180

VERSION AZ476180.1 GI:10634305

KEYWORDS GSS.

SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

AUTHORS Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

TITLE 1 (bases 1 to 19)

JOURNAL Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

COMMENT Islami, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,

Remy, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von

Niederhausen, A. and Wright, D., Weis, R.

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts

Unpublished (2000)

Contact: Robert B. Weiss

University of Utah Genome Center

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0294 row: F column: 16

Seq primer: CACACGAAACGCTATGACC

Class: plasmid ends

High quality sequence stop: 19.

FEATURES

source

Location/Qualifiers

1. 19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCIM0294F16"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1ib="Mouse 10kb plasmid UGCM library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (G14732114|9b|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;

Best Local Similarity 78.9%; Pred. No. 2.1e+02;

Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4412 AGATATATATATATATAT 4430

DB 1 ATATATTAACCTATATAT 19

RESULT 245

AZ486152

LOCUS 19 bp DNA linear GSS 05-OCT-2000

DEFINITION IM0314A04F Mouse 10kb plasmid UGCM library Mus musculus genomic

ACCESSION AZ486152

VERSION AZ486152.1 GI:10652646

KEYWORDS GSS.

SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

AUTHORS Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

TITLE 1 (bases 1 to 19)

JOURNAL Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

COMMENT Islami, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,

Remy, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von

Niederhausen, A. and Wright, D., Weis, R.

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts

Unpublished (2000)

Contact: Robert B. Weiss

University of Utah Genome Center

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0314 row: A column: 04

Seq primer: CCGTAAACGACGCGCAGT

Class: plasmid ends

High quality sequence stop: 19.

Location/Qualifiers

source

1.19

/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGC1M0314A04"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGC1M library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g1|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 661 TTACTACTACAGATTCT 679
|||||
1 TATACATCATCATTTCT 19

RESULT 246
AZ500608 19 bp DNA linear GSS 05-OCT-2000
LOCUS IM0319L05F Mouse 10kb plasmid UGC1M library Mus musculus genomic
DEFINITION clone UGC1M0339L05 F, genomic survey sequence.
ACCESSION AZ500608
VERSION AZ500608.1 GI:10680591
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sclurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D., Weis, R.
TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0339 row: 1, column: 05
Seq primer: CATTGTAAACGACGCCACG
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers 1.19

FEATURES
source

/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGC1M0339L05"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGC1M library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g1|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTTCTCTCTC 288
|||||
1 CTCTCATCATGTCCTCTC 19

RESULT 247
AZ509071 19 bp DNA linear GSS 05-OCT-2000
LOCUS IM0315A21R Mouse 10kb plasmid UGC1M library Mus musculus genomic
DEFINITION clone UGC1M0515A21 R, genomic survey sequence.
ACCESSION AZ509071
VERSION AZ509071.1 GI:10690387
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sclurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D., Weis, R.
TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0351 row: 1, column: 21
Seq primer: CACACGGAACACGCTATGAC
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers 1.19

FEATURES
source

/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0351A21"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1ib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PMD42 (g14732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptor complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 384 TGCTGCGACGAGCGCAGGC 402
1 TGCTGCGACGAGCGCAGGC 19

RESULT 248
AZ588155 19 bp DNA linear GSS 13-DEC-2000
LOCUS 1M0396110F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
DEFINITION clone UUGC1M0396110 F, genomic survey sequence.

ACCESSION AZ588155
VERSION AZ588155.1 GI:11710261
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19)
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weis, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA

Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0396 row: 1 column: 10
Seq primer: CGTGTAAACGACGCGCAGCT
Class: plasmid ends
High quality sequence stop: 19.

FEATURES
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/organism="Mus musculus"
/mol_type="genomic DNA"
Location/Qualifiers

/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0396110"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1ib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PMD42 (g14732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptor complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 3418 TATCACCCAGAGGTTT 3436
19 TATCACCCAGAGGTTT 1

RESULT 249
AZ771560 19 bp DNA linear GSS 16-FEB-2001
LOCUS 1M0574A03F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
DEFINITION clone UUGC1M0574A03 F, genomic survey sequence.

ACCESSION AZ771560
VERSION AZ771560.1 GI:12894145
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19)
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weis, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA

Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0574 row: A column: 03
Seq primer: CGTGTAAACGACGCGCAGCT
Class: plasmid ends
High quality sequence stop: 19.

FEATURES
source 1.19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
Location/Qualifiers

/db_xref="taxon:10090"
/clone="UUGC1M0574A03"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1lb="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PMD42 (g14732114[gb|AF129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3480 TCAGGCCAGTACCTGG 3498
|||||
19 TCAGATGACGACGACTGG 1

RESULT 250
AZ8782384 19 bp DNA linear GSS 16-FEB-2001
LOCUS 2M0069B05R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
DEFINITION clone UUGC2M002109 R, genomic survey sequence.
ACCESSION AZ8782384
VERSION AZ8782384.1 GI:12916052
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmood, M., Meenen, E., Pedersen, T., Rellly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D., Weis, R.
Niederhausen, A. and Wright, D., Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0022 row: 1 column: 09
Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
1..19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"

/clone="UUGC2M002109"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1lb="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PMD42 (g14732114[gb|AF129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4422 AATATTATATATATATG 4440
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1 AATGTTACTTACTTACTATG 19

RESULT 251
AZ807034 19 bp DNA linear GSS 20-FEB-2001
LOCUS 2M0069B05R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
DEFINITION clone UUGC2M0069B05 R, genomic survey sequence.
ACCESSION AZ807034
VERSION AZ807034.1 GI:12970979
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmood, M., Meenen, E., Pedersen, T., Rellly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D., Weis, R.
Niederhausen, A. and Wright, D., Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0069 row: 8 column: 05
Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
1..19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0069B05"

/sex="Male"
/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCGIM library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PMD42 (GI4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1387 CCTCCCTATCCCTCCAGT 1405

DB 19 CCTCCCTATCCCTCCAGT 1

RESULT 252
AZ809734/c 19 bp DNA linear GSS 20-FEB-2001
LOCUS
DEFINITION 2M0073D19R Mouse 10kb plasmid UGCGIM library Mus musculus genomic
clone UGCG2M0073D19 R, genomic survey sequence.

ACCESSION
AZ809734
VERSION
AZ809734.1 GI:12976296
KEYWORDS
GSS.
SOURCE
Mus musculus (house mouse)

ORGANISM
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)

REFERENCE
AUTHORS
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)

JOURNAL
COMMENT
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0073 row: D column: 19
Seq primer: CACACAGAAACGATATGACC
Class: plasmid ends
High quality sequence stop: 19.

FEATURES
Location/Qualifiers

1..19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCG2M0073D19"
/sex="Male"
/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"

/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCGIM library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PMD42 (GI4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1188 ACCCTCCATCCCTGAGT 1206

DB 19 ACCCTCCATCCCTGAGT 1

RESULT 253
AZ819620/c 19 bp DNA linear GSS 20-FEB-2001
LOCUS
DEFINITION 2M0091A23F Mouse 10kb plasmid UGCGIM library Mus musculus genomic
clone UGCG2M0091A23 F, genomic survey sequence.

ACCESSION
AZ819620
VERSION
AZ819620.1 GI:12989528
KEYWORDS
GSS.
SOURCE
Mus musculus (house mouse)

ORGANISM
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)

REFERENCE
AUTHORS
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)

JOURNAL
COMMENT
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0091 row: A column: 23
Seq primer: CGTTGTAACGACGCGCAGT
Class: plasmid ends
High quality sequence stop: 19.

FEATURES
Location/Qualifiers

1..19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCG2M0091A23"
/sex="Male"
/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"

Query Match	0.2%	Score 12.6;	DB 1;	Length 19;
Best Local Similarity	78.9%;	Pred. NO. 2.1e+02;		
Matches 15; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0;

RESULT 254
AZ833421/C

ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM

SOURCE ORGANISM	REFERENCE
Mus musculus (house mouse)	
Mus musculus	
Eukaryotes: Chordata, Craniata; Vertebrata; Euteleostomi;	
Mammalia, Eutheria, Rodentia, Sciurognathi; Muridae; Murinae; Mus	
1 (bases 1 to 19)	

REFERENCE	AUTHORS	TITLE
1 (bases 1 to 19)	Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Irlam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Rellay, M., Rose, M., Rose, R., Stokes, R., Tingley, A., von Niederhausen, A. and Wright, D. Weis, R.	Mouse whole genome scaffold with paired end reads from 10kbp

TITLE	Mouse whole genome scaffolding with paired end reads from 10kb
JOURNAL	plasmid inserts
COMMENT	Unpublished (2000)
	Contact: Robert B. Weiss

```

FEATURES
source      1. .19
            Location/Qualifiers
            Tel: 801 585 5606
            Fax: 801 585 7177
            Email: ddum@genetics.utah.edu
            Insert Length: 10000   Std Error: 0. .00
            Plate: 0115   row: C   column: 06
            Seq primer: CACACAGCAACACGCTATGACC
            Class: plasmid
            High quality sequence stop: 19.

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"organism":"Mus musculus"
"mol_type":"genomic DNA"
"strain":"C57BL/6J"
"db_xref":"taxon:10090"
"clone":"UDGC2M0115C06"
"sex":"Male"
"lab_host":"E. Coli strain XL10-Gold, T1-resistant, F-
"clone_libs":"Mouse 10kb plasmid UDC1M library"

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Query Match	0.2%	Score 12.6	DB 1	Length 19
Best Local Similarity	78.9%	Pred. No. 2	1e+02	
Matches 15, Conservative	0	Mismatches 4	Indels 0	Gaps 0

RESULT 255
AJ594227/c

LOCUS AJ594227 19 bp DNA linear GSS 15-JAN-2004
DEFINITION Arabidopsis thaliana T-DNA flanking sequence, left border, clone 394C06, genomic survey sequence.

ACCESSION AJ594227
VERSION GI:37943851
KEYWORDS GSS; left border; T-DNA flanking sequence
SOURCE Arabidopsis thaliana (thale cress)

ORGANISM
Arabidopsis thaliana
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta
Spermatophyta; Magnoliophyta, eudicotyledons, core eudicots;
Rosids, eurosid II; Brassicales; Brassicaceae; Arabidopsis
1

REFERENCE	AUTHORS	TITLE
1	Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F., Chauvin, S., Bechtold, N., Cruaud, C., Dehose, R., Pelletier, G., Lepoint, L., Caboche, M. and Lecharny, A.	T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites

JOURNAL	EMBO Rep. 3 (12), 1152-1157 (2002)
MEDLINE	22363535
PUBMED	12446565
REFERENCE	2 (bases 1 to 19)

TITLE	Direct Submission
JOURNAL	Submitted (23-OCT-2003) Balergue S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE
COMMENT	PCR was performed on DNA from transformants of <i>Arabidopsis thaliana</i>

derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at <http://dbsgap.vera.salle.fr/publiclines/>. This sequence has been generated in the framework of the French plant genomics program Genoplante (<http://www.genoplante.com> and <http://genoplante-info.inbiojcn.fr>).

```
FEATURES
source      location/Qualifiers
1. 19      /organism="Arabidopsis thaliana"
        /mol_type="genomic DNA"
        /cultivar="Wassilewskaja"
        /db_xref="taxon:3702"
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misc_feature

/clone="3946058"
/clone_lib="Arabidopsis thaliana T-DNA insertion lines"
1. 19
/note="T-DNA flanking sequence
left border"

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4421 TATATTAATTAATTAAT 4439
|||||
19 TATATTAATTAATTAAT 1

RESULT 256

LOCUS CP339443 20 bp mRNA linear EST 18-AUG-2003
DEFINITION RCL1--04-003.g1 Regenerated callus lambda phage cDNA library (RCL1)
Oryza sativa (japonica cultivar-group) cDNA clone RCL1--04-003,
mRNA sequence.

ACCESSION CP339443
VERSION CP339443.1 GI:33827271
KEYWORDS EST.
SOURCE Oryza sativa (japonica cultivar-group)
ORGANISM Oryza sativa (japonica cultivar-group)
Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Eriactoidae; Oryzaceae; Oryza.

REFERENCE 1 (bases 1 to 20)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nam,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)

COMMENT

Contact: Nam,B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division
of Bioscience and Bioinformatics, Myongji University
Yongin, Kyonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.

FEATURES

Location/Qualifiers

1. 20
/organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
/clone="RCL1--04-003"
/tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 30 days"
/lab_host="E.coli SOLR"
/clone_lib="Regenerated callus lambda phage cDNA library
(RCL1)"
/note="Vector: pBluescript SK(+); Site 1: SstI; Site 2:
XhoI; cDNA was inserted into lambda Uni-ZAP XR vector at 5'
end with SstI and 3' end with XhoI site. Callus was
induced on 2N6 media for 30 days and cultured for 36hrs on
regenerated media"

Query Match 0.2%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 217 GCGCGGCGGCGCTGGCAG 235
|||||
1 GCGCGGCGGCGGCGGCGG 19

RESULT 257

LOCUS AZ846058 39 bp DNA linear GSS 20-FEB-2001
DEFINITION 2M0146B07F Mouse 10kb plasmid UGCG1M library Mus musculus genomic
clone UUGC2M0146B07 F, genomic survey sequence.

ACCESSION AZ846058
VERSION AZ846058.1 GI:13015966
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE 1 (bases 1 to 39)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenan,E., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhausern,A. and Wright,D., Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)

TITLE

JOURNAL

CONTACT: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E, SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0146 row: B column: 07
Seq primer: CGTTGTAAACGACGCGCAGT
Class: plasmid ends
High quality sequence strop: 39.

FEATURES

Location/Qualifiers

1. 39
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0146B07"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, TI-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCG1M library"
/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptor DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PMD42 (G14732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptor mouse DNA was annealed to
adaptor vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 39;
Best Local Similarity 78.9%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1593 GAACAGAGAGAGAGAGA 1611
|||||
22 GAGAGAGAGAGAGAGAGA 4

RESULT 258

LOCUS AJ650055 15 bp mRNA linear EST 07-JUL-2004
DEFINITION AJ650055 CSEORAN19 Sus scrofa cDNA clone C0003274_E06, mRNA
sequence.
ACCESSION AJ650055

VERSION AJ650055.1 GI:49326900
KEYWORDS EST.
SOURCE Sus scrofa (pig)
ORGANISM Sus scrofa
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Cetartiodactyla; Suidae; Sus.
AUTHORS 1 (bases 1 to 15)
TITLE Anderson, S.I., Finlayson, H.A. and Archibald, A.L.
JOURNAL Development of cDNA and EST resources for studying reproduction and embryo development in pigs and cattle
COMMENT Unpublished (2004)
CONTACT Anderson SI
Genomics and Bioinformatics
Roslin Institute
Roslin, Midlothian, EH25 9PS, UNITED KINGDOM
Single pass sequencing. Bases called and trimmed with phred v0.020425.c. Vector identified by cross_match with the -minscore 20 and -mismatch 12 options. Vector: pBluescriptII(KS) R. Site1: EcoRI R. Site2: NotI 5' Seq Primer M13P Normalised library constructed from pooled ovaries. Clones available from UK Centre for Functional Genomics in Farm Animals, Roslin Institute, Roslin, Midlothian, UK, EH25 9PS, www.ark-genomics.org.
Location/Qualifiers
1. 15
/organism="Sus scrofa"
/mol_type="mRNA"
/db_xref="taxon:9823"
/clone="C0003274_E06"
/issue_type="ovary"
/note="Vector: pBluescriptII(KS+); Site 1: EcoRI; Site 2: NotI; Single pass sequencing; Normalised library constructed from pooled ovaries"

Query Match 0.2%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2764 TCCACTGAGCTGC 2777
 14 TCCACTGAGCTGC 1

RESULT 259
LOCUS CF323664
DEFINITION HNN-04-H04.g1 OSHDAC1-overexpressing transgenic rice lambda phage CDNA library II (HNN) Oryza sativa (japonica cultivar-group) cDNA
ACCESSION CF323664
VERSION CF323664.1 GI:33795589
KEYWORDS EST.
SOURCE Oryza sativa (japonica cultivar-group)
ORGANISM Oryza sativa (japonica cultivar-group)
REFERENCE Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzaceae; Oryza.
AUTHORS 1 (bases 1 to 16)
TITLE Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
JOURNAL Large-scale Sequencing Analysis of Rice ESTs
COMMENT Unpublished (2003)
CONTACT Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, Myongji University
Yongin, Kyonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnam@gbio.com, bhnam@bio.myongji.ac.kr.
Location/Qualifiers
1. 16
/organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"

/cultivar="Nackdong"
/db_xref="taxon:39947"
/clone="HNN-04-H04"
/issue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 2 weeks"
/lab_host="E.coli SOLR"
/clone_1ib="OSHDAC1-overexpressing transgenic rice lambda phage CDNA library II (HNN)"
/note="Vector: pBluescript SK(+); Site 1: EcoRI; Site 2: XhoI; cDNA was inserted into lambda Uni-ZAP XR vector at 5' end with EcoRI and 3' end with XhoI site. mRNA was derived from rice Histone Deacetylase overexpression line."

Query Match 0.2%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1358 GCACGAGGTCCTG 1371
 1 GCACGAGGTCCTG 14

RESULT 260
LOCUS AJ595555/c
DEFINITION Arabidopsis thaliana T-DNA flanking sequence, left border, clone 419A03, genomic survey sequence.
ACCESSION AJ595555
VERSION AJ595555.1 GI:37945183
KEYWORDS GSS; left border; T-DNA flanking sequence.
SOURCE Arabidopsis thaliana (thale cress)
ORGANISM Arabidopsis thaliana
REFERENCE 1
AUTHORS Brunaud, V., Balzerque, S., Dubreucq, B., Aubourg, S., Samson, F., Chauvin, S., Bechtold, N., Cravard, C., Berose, R., Pelletier, G., Lepoint, L., Caboche, M. and Lecharny, A.
TITLE T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites
JOURNAL EMBO Rep. 3 (12), 1152-1157 (2002)
MEDLINE 22363535
PUBMED 12446565
COMMENT 2 (bases 1 to 17)
AUTHORS Balzerque, S.
JOURNAL Submitted (23-OCT-2003) Balzerque S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE
PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at <http://dbsgap.versailles.inra.fr/publiclines/>. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (<http://www.genoplante.com> and <http://genoplante.info.infobiogen.fr>).
Location/Qualifiers
1. 17
/organism="Arabidopsis thaliana"
/mol_type="genomic DNA"
/cultivar="Masallilewski1a"
/db_xref="taxon:3702"
/clone="419A03"
/clone_1ib="Arabidopsis thaliana T-DNA insertion lines"
/note="T-DNA flanking sequence left border"

misc_feature
 1. 17
 left border

Query Match 0.2%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 1.8e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4889 TGTGGCCTCTCGA 4902
 DB 15 TGTGGCCTCTCGA 2

RESULT 261

CL423826 17 bp DNA linear GSS 16-MAR-2004
 LOCUS 01S0750-04B1-G07 UniformMu MutLib Library Zea mays genomic clone
 DEFINITION 01S0750-04B1-G07, genomic survey sequence.

ACCESSION CL423826
 VERSION CL423826.1 GI:45501870

KEYWORDS GSS.
 SOURCE Zea mays
 ORGANISM Zea mays

REFERENCE Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD
 clade; Panicoidae; Andropogoneae; Zea.
 1 (bases 1 to 17)
 Latschaw,S., Tan,B.-C., Settles,A.M. and McCarty,D.R.
 Sequence tagged transposon insertions from the UniformMu maize
 population

JOURNAL Unpublished (2003)
 COMMENT Contact: Donald R. McCarty
 Plant Molecular and Cellular Biology Program
 University of Florida
 PO 110690 Gainesville, FL 32611-0690, USA
 Tel: 352-392-1928 x322
 Email: drmc@ufl.edu

Sequence flanking probable Mu insertion site in UniformMu
 line: 01S0750-04, primer sec: B
 line: 01S0750-04, primer sec: B
 Classes: transposon insertion site.
 Location/Qualifiers

FEATURES

source

1. 17

/organism="Zea mays"
 /mol_type="genomic DNA"
 /strain="W22 (ACR, bz1-m9)"
 /cultivar="UniformMu"

/db_xref="taxon:4577"
 /clone="01S0750-04B1-G07"

/note="Vector: TOPO-PCR4; DNA flanking Mu transposon
 insertions in Mu inactive lines were extracted from the
 UniformMu maize population by the thermo asymmetric
 interlaced PCR (TAIL) protocol using primers specific for
 the Mu terminal inverted repeat and a set of 16 arbitrary
 primers. Amplicons were size enriched using Sepharose 400
 spin columns and cloned into the TOPO PCR4 vector."

Query Match 0.2%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 1.8e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 88 TCAGAGTGGCCAC 101
 DB 1 TCAGAGTGGCCAC 14

RESULT 262
 AJ600906 18 bp DNA linear GSS 15-JAN-2004
 LOCUS Arabidopsis thaliana T-DNA flanking sequence, right border, clone
 DEFINITION 516A03, genomic survey sequence.

ACCESSION AJ600906

VERSION AJ600906.1 GI:37950534

KEYWORDS GSS: right border; T-DNA flanking sequence.
 SOURCE Arabidopsis thaliana (thale cress)

ORGANISM Arabidopsis thaliana
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

REFERENCE

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
 1

AUTHORS

Brunaud,V., Balzerque,S., Dubreucq,B., Aubourg,S., Samson,F.,
 Chauvin,S., Bechold,N., Cruaud,C., Derose,R., Pelletier,G.,
 Lepintec,L., Caboche,M. and Lecharny,A.
 T-DNA integration into the Arabidopsis genome depends on sequences
 of pre-insertion sites

TITLE

EMBO Rep. 3 (12), 1152-1157 (2002)

JOURNAL

2263535

PUBMED

12446565

REFERENCE

2 (bases 1 to 18)

AUTHORS

Balzerque,S.

TITLE

Direct Substitution

JOURNAL

Submitted (23-OCT-2003)

Gaston Cremlieux, 91057 Evry cedex, FRANCE
 PCR was performed on DNA from transformants of Arabidopsis thaliana
 plants from INRA (Versailles). The DNA fragment(s) resulting from
 the PCR were directly sequenced from the left or the right border
 to determine the genomic sequence flanking the insertion. T-DNA
 derived sequences were removed. Information to order the
 corresponding mutant line and a link to a database providing a
 graphical display of the insertion site are available at
<http://dbsgap.versailles.inra.fr/publiclines/>. This sequence has
 been generated in the framework of the French plant genomes
 program 'Genoplante' (<http://www.genoplante.com> and
<http://genoplante-info.infobiogen.fr>).

FEATURES

source

1. 18

/organism="Arabidopsis thaliana"
 /mol_type="genomic DNA"
 /cultivar="Wassilewskija"
 /db_xref="taxon:3702"

/clone="516A03"

/clone_lib="Arabidopsis thaliana T-DNA insertion lines"

misc_feature
 1. 18
 /note="T-DNA flanking sequence
 right border"

Query Match 0.2%; Score 12.4; DB 1; Length 18;
 Best Local Similarity 92.9%; Pred. No. 2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2316 ATCCAAAATCAA 2329
 DB 1 ATCCAAAATCAA 14

RESULT 263

CL436264 18 bp DNA linear GSS 18-MAR-2004
 LOCUS PST2620-NL.Seg MICH1 Mus musculus genomic clone PST2620-NL.Seg
 DEFINITION similar to Myn11, genomic survey sequence.

ACCESSION CL436264
 VERSION CL436264.1 GI:45570894
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)

ORGANISM

Mus musculus

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE

Hicks,G.G.

AUTHORS

www.escell.ca

TITLE

Unpublished (2002)

JOURNAL

Contact: Hicks GG

Mammalian Functional Genomics Centre
 Manitoba Institute of Cell Biology, University of Manitoba
 ON5029, 675 McDermot Ave, Winnipeg, MB R3E 0V9, Canada
 Tel: 204 787 2133
 Fax: 204 787 2190
 Email: hicks@cc.umanitoba.ca

U3NeosV1 gene trap. Tag generated by plasmid rescue. Additional
 sequence information and target gene cloning can be generated. ES

cell line harboring insertion mutation of target gene is available.
Sequence analysis available from
http://140.193.242.7/esdb/public_search_frame.php?PST=PST2620-NL.Se

g
Class: Gene Trap.

FEATURES

Source

Location/Qualifiers
1. 18
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="129 Sv"
/db_xref="taxon:10090"
/clone="PST2620-NL.Seq"
/sex="Male"
/cell_type="Embryonic stem cell"
/cell_line="D3H (J1 subclone)"
/clone_1id="MICB1"
/note="Vector: U3NeoSV1"

Query Match 0.2%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 89 CAGAGCGCCACA 102
|||||
3 CAGAACTGGCCACA 16

RESULT 264

LOCUS

B0593604 19 bp mRNA linear EST 06-DEC-2002
E012766-024-026-H12-SP6 MP12-ADIS-024-developing root Beta vulgaris

CDNA clone 024-026-H12-5-PRIME, mRNA sequence.

B0593604 B0593604.1 GI:26123187

VERSION

KEYWORDS

SOURCE

ORGANISM

Beta vulgaris
Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.

REFERENCE

AUTHORS

Herwig, R., Schulz, B., Weishaar, B., Hennig, S., Steinfach, M.,
Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.
and Radelof, U.

TITLE

Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes

Plant J. 32 (5), 845-857 (2002)

JOURNAL

MEDLINE

PUBMED

COMMENT

ADIS DNA core facility at MP12
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weishaar@mpiz-koeln.mpg.de
Insert length: 19 Std Error: 0.00
Plate: 26 row: H column: 12
Seq primer: SP6; CATACGATTAGGTACACTATAG.
Location/Qualifiers

FEATURES

Source

1. 19
/organism="Beta vulgaris"
/mol_type="mRNA"
/cultiivar="KWS2320 (double haploid, monogerm breeding
line)"
/db_xref="GABI:193251"
/db_xref="taxon:161934"
/clone="024-026-H12"
/issue_type="developing root"
/lab_host="EMDH10B"
/clone_1id="MP12-ADIS-024-developing root"
/note="Vector: PCWVS-POR16; Site 1: SalI; Site 2: NotI;
CDNA library from sugar beet, library provided by KWS
Kleinanzelebener Saatnucht AG Einbeck, Germany, contact:

b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
orientation:
SP6-SalI-CCGAGCGTCGCG-5prime-CDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet
project, local PI: Dr. Katharina Schneider, coordinator:
Prof. Christian Jung; Sequence submission managed by
R2PD/GABI-Primary database: http://gabi.r2pd.de"

Query Match 0.2%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2821 GAAGTGAAGCGGAG 2834
|||||
1 GAAGAGAGCGGCGAG 14

RESULT 265

LOCUS

A1476315 19 bp mRNA linear EST 09-MAR-1999
ta15c09.x1 NCI CGAP Lym5 Homo sapiens CDNA clone IMAGE:2044144 3'

similar to TR:Q61431 Q61431 PROCOLLAGEN TYPE V ALPHA 2, contains
OFR.b3 MSRI repetitive element ;, mRNA sequence.

A1476315 A1476315.1 GI:4329360

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgabbs@mail.nih.gov
Tissue Procurement: Mark Ratfield, M.D.
CDNA Library Preparation: Stratagene, Inc.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
DNA distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www.bio.llnl.gov/dbp/image/image.html

Trace considered overall poor quality
Seq primer: -40UP from Gibco
High quality sequence stop: 1.
Location/Qualifiers

FEATURES

Source

1. 19
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2044144"
/issue_type="follicular lymphoma"
/lab_host="SOIR (Stratagene, kanamycin resistant)"
/clone_1id="NCI CGAP Lym5"
/note="Organ: lymph node; Vector: Bluescript SK-; Site 1:
EcoRI; Site 2: XhoI; Cloned unidirectionally. Primer:
Oligo dT. Average insert size 1.2 kb. Non-amplified
library. ~5' adaptor sequence: 5' GAATTCGACACAG 3' ~3'
adaptor sequence: 5' CTCGAGTTTCTTTTCTTTT 3' "

Query Match 0.2%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2195 CCGGCGCCCTGGGCG 2208
|||||
5 CCGGCGCCCTGGGCG 18

RESULT 266

TITLE
JOURNAL
COMMENT

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausen, A. and Wright, D., Weis, R.,
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
Contact: Robert B. Weis
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddum@genetics.utah.edu
Insert length: 10000 Std Error: 0.00
Plate: 008 Row: A Column: 08
Seq primer: CGTGTAAACGACGCGCAGT
Class: plasmid ends
High quality sequence stop: 19.

FEATURES
source

1. 19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUCIM0089A08"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PWD42 (g14732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
adapted vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.2%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1277 CAATCCATCACA 1290
Db 3 CAATCCACCAACA 16

RESULT 269
AZ495849 19 bp DNA linear GSS 05-OCT-2000
LOCUS 1M03J1N2R Mouse 10kb plasmid UUCIM library Mus musculus genomic
DEFINITION clone UUCIM03J1N22 R, genomic survey sequence.
ACCESSION A2495849
VERSION A2495849.1 GI:10671571
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus (house mouse)
REFERENCE Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,

TITLE
JOURNAL
COMMENT

Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausen, A. and Wright, D., Weis, R.,
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
Contact: Robert B. Weis
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddum@genetics.utah.edu
Insert length: 10000 Std Error: 0.00
Plate: 033 Row: N Column: 22
Seq primer: CACACAGAAACGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.

FEATURES
source

1. 19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUCIM03J1N22"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PWD42 (g14732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
adapted vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.2%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1204 AGTCTCTGCAGAG 1217
Db 4 AGGCTCTGCAGAG 17

RESULT 270
AZ830578 19 bp DNA linear GSS 20-FEB-2001
LOCUS 2M0109H23R Mouse 10kb plasmid UUCIM library Mus musculus genomic
DEFINITION clone UUCGM0109H23 R, genomic survey sequence.
ACCESSION A2830578
VERSION A2830578.1 GI:13000486
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus (house mouse)
REFERENCE Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von

TITLE Niederhausern, A. and Wright, D., Weiss, R.
COMMENT Mouse whole genome scaffolding with paired end reads from 10kb
Plasmid inserts
Unpublished (2000)
JOURNAL Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: dunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0109 row: H column: 23
Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.
FEATURES
Location/Qualifiers
1. .19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="U06C2M0109H23"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/note="Vector: PWD42nv. Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PWD42 (G14732114|DB|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
adapted vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.2%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4536 AGCCACTAAACA 4549
19 AGCCACTTAACACA 6
|||||
|||||

RESULT 271
LOCUS AI688330 22 bp mRNA linear EST 17-DEC-1999
DEFINITION wc94c08.x1 NCI CGAP Co3 Homo sapiens cDNA clone IMAGE:3326286 3'
similar to TR:064371 Q64371 PR-VBETAL; contains element MSRI
repetitive element; mRNA sequence.
ACCESSION AI688330
VERSION AI688330
KEYWORDS EST, GI:4899624
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE 1 (bases 1 to 22)
NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index

JOURNAL Unpublished (1997)
COMMENT Contact: Robert Strausberg, Ph.D.
Email: cgabbs-remail.nih.gov
Tissue Procurement: Elias Campo, M.D., Michael R. Emmert-Buck,
M.D., Ph.D.
cDNA Library Preparation: M. Bento Soares, Ph.D.
cDNA Library Arraying: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www.bio.llnl.gov/bbrp/image/image.html

FEATURES
source
1. .22
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2326286"
/sex="pooled"
/issue_type="colon"
/lab_host="DH10B"
/clone_1ib="NCI CGAP Co3"
/note="Vector: pT7T3D-Pac (Pharmacia) with a modified
polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA
was prepared from 12 pooled bulk tumor samples and primed
with a Not I - oligo(dT) primer. Double-stranded cDNA was
ligated to Eco RI adaptors (Pharmacia), digested with Not
I and cloned into the Not I and Eco RI sites of the
modified pT7T3 vector. Library went through one round of
normalization."

Query Match 0.2%; Score 12.4; DB 1; Length 22;
Best Local Similarity 72.7%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3786 GAGGGGAGGGCGCGCGGG 3807
1 GAGAGAGGGGGGAGGGGGG 22
|||||
|||||

RESULT 272
LOCUS CF309796 22 bp mRNA linear EST 15-AUG-2003
DEFINITION ABF--04-C02.b1 ABF3-overexpressing transgenic rice plasmid cDNA
library (ABF) Oryza sativa (japonica cultivar-group) cDNA clone
ABF--04-C02, mRNA sequence.
ACCESSION CF309796
VERSION CF309796
KEYWORDS EST, GI:33681557
SOURCE Oryza sativa (japonica cultivar-group)
ORGANISM Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzaceae; Oryza.
REFERENCE 1 (bases 1 to 22)
Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C.,
Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
CONTACT Nahm, B.H.
Genomics and Genetics Institute, Greengene Biotech Inc., Division
of Bioscience and Bioinformatics, Myongji University
Yongin, Kyonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.
FEATURES
Location/Qualifiers
1. .22
/organism="Oryza sativa (japonica cultivar-group)"

/mol_type="mRNA"
 /culivar="Nackdong"
 /db_xref="taxon:39947"
 /clone="ABF-04-C02"
 /tissue_type="leaf"
 /dev_stage="14 days after germination"
 /lab_host="E.coli DH10B"
 /clone_lib="ABF3-overexpressing transgenic rice plasmid
 cDNA library (ABP)"
 /note="Vector: pCR4-TOPO, Site_1: EcoRI, Leaf was dried
 for 2hrs. Oligo-capped mRNA was reverse transcribed and
 then used for PCR. mRNA was prepared from ABA-responsive
 element binding transcription factor 3 overexpression
 line."

Query Match 0.2%; Score 12.4; DB 1; Length 22;
 Best Local Similarity 72.7%; Pred. No. 2.7e+02;
 Matches 16; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

OY 2800 AGGAGAGGAAATGAGAGG 2821
 Db 1 AGGAGAGGAGAGAGAGAGG 22

RESULT 273
 AZ641670 23 bp DNA linear GSS 14-DEC-2000
 LOCUS
 DEFINITION IM0504P15F Mouse 10kb plasmid UGCGIM library Mus musculus genomic
 clone UGCGIM0504P15 F, genomic survey sequence.
 ACCESSION AZ641670
 VERSION AZ641670.1 GI:11765874
 KEYWORDS GSS.

SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 23)
 AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
 Islan, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
 Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
 Niederhausern, A. and Wright, D., Weis, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 Unpublished (2000)

JOURNAL
 COMMENT Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0504 row: P column: 15
 Seq primer: CGTTGTAACGACGCGCAGC
 Class: plasmid ends
 High quality sequence stop: 23.
 Location/Qualifiers

FEATURES

source 1..23
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGCGIM0504P15"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UGCGIM library"
 /note="Vector: pMD42ny; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA

was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of pMD42 (gi|4732114|gb|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match 0.2%; Score 12.4; DB 1; Length 23;
 Best Local Similarity 72.7%; Pred. No. 2.9e+02;
 Matches 16; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

OY 849 GAGAGACACAGAAAGTGTGC 870
 Db 1 GAGAGACACAGAGAGGTGTGC 22

RESULT 274
 AZ766246 23 bp DNA linear GSS 16-FEB-2001
 LOCUS
 DEFINITION IM0563J08R Mouse 10kb plasmid UGCGIM library Mus musculus genomic
 clone UGCGIM0563J08 R, genomic survey sequence.
 ACCESSION AZ766246
 VERSION AZ766246.1 GI:12883119
 KEYWORDS GSS.

SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 23)
 AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
 Islan, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
 Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
 Niederhausern, A. and Wright, D., Weis, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 Unpublished (2000)

JOURNAL
 COMMENT Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0563 row: J column: 08
 Seq primer: CACACAGAAACGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 23.
 Location/Qualifiers

FEATURES

source 1..23
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGCGIM0563J08"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UGCGIM library"
 /note="Vector: pMD42ny; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4

polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.4; DB 1; Length 23;
Best Local Similarity 72.7%; Pred. No. 2.9e+02;
Matches 16; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2819 AGGAAGTGAAGGCGAGCTGCTG 2840
DB 23 AGGAGAGAGAGGAGAGAGGAGG 2

RESULT 275
AZ391891 29 bp DNA linear GSS 03-OCT-2000
LOCUS 1M0154F14F Mouse 10kb plasmid UGCGIM library Mus musculus genomic
DEFINITION clone UGCGIM0154F14 F, genomic survey sequence.
ACCESSION AZ391891
VERSION AZ391891.1 GI:10506963
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE
AUTHORS Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 29)
Dunn, D., Aoyagi, A., Barber, M., Beacom, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmood, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)

JOURNAL
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0154 row: F column: 14
Seq primer: CCTTCTAAAACGACGCGCACT
Class: plasmid ends
High quality sequence stop: 29.

FEATURES
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Location/Qualifiers
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/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"
/clone="UGCGIM0154F14"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCGIM library"
/note="Vector: FMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were

ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.4; DB 1; Length 29;
Best Local Similarity 72.7%; Pred. No. 3.4e+02;
Matches 16; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1877 GAGTGAGAGAGAGAGAGGAGG 1898
DB 4 GAGTGAGAGAGAGAGAGGAGG 25

RESULT 276
AV673465/c 37 bp mRNA linear EST 05-OCT-2000
LOCUS AV673465 Nori Satoh unpublished cDNA library Clona intestinalis
DEFINITION cDNA clone c1cb8010 5', mRNA sequence.
ACCESSION AV673465
VERSION AV673465.1 GI:10111464
KEYWORDS EST.
SOURCE Clona intestinalis
ORGANISM Clona intestinalis

REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Urochordata; Ascidiacea; Enterogona;
Phlebobranchia; Clonidae; Clona.
1 (bases 1 to 37)
Satch, N., Satou, Y., Kohara, Y. and Shin-I, T.
Expressed genes in clona intestinalis
Unpublished (2000)

JOURNAL
COMMENT Contact: Nori Satoh
Department of Zoology
Kyoto University
Sakyo-Ku, Kyoto, Kyoto 606-8502, Japan
Tel: 81-75-753-4081
Fax: 81-75-705-1113
Email: satcho@acidian.zool.kyoto-u.ac.jp.
Location/Qualifiers
1..37
/organism="Clona intestinalis"
/mol_type="mRNA"
/db_xref="taxon:7719"
/clone="c1cb8010"
/tissue_type="whole animal"
/dev_stage="tailbud"
/clone_lib="Nori Satoh unpublished cDNA library"

FEATURES
source
Location/Qualifiers
1..37
/organism="Clona intestinalis"
/mol_type="mRNA"
/db_xref="taxon:7719"
/clone="c1cb8010"
/tissue_type="whole animal"
/dev_stage="tailbud"
/clone_lib="Nori Satoh unpublished cDNA library"

Query Match 0.2%; Score 12.4; DB 1; Length 37;
Best Local Similarity 63.3%; Pred. No. 3.2e+02;
Matches 19; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2806 GAGAAATGAGAGAGAGAGAGGAGC 2835
DB 34 GAGAGAGAGAGAGAGAGAGAGAGAGC 5

RESULT 277
CF930049/c 38 bp mRNA linear EST 12-NOV-2003
LOCUS CF930049 Bos taurus CF-24-HW cDNA library Bos taurus cDNA clone
DEFINITION CF-02-R-121(5'), mRNA sequence.
ACCESSION CF930049
VERSION CF930049.1 GI:38276908
KEYWORDS EST.
SOURCE Bos taurus (cow)
ORGANISM Bos taurus

FEATURES
source
Location/Qualifiers
1..38
/organism="Bos taurus"
/mol_type="mRNA"
/db_xref="taxon:7719"
/clone="c1cb8010"
/tissue_type="whole animal"
/dev_stage="tailbud"
/clone_lib="Nori Satoh unpublished cDNA library"

REFERENCE 1 (bases 1 to 38)
 AUTHORS Yoon,D.H., Lee,S.H., Lee,J.H., Sang,B.C. and Oh,S.J.
 TITLE Gene Expression Profiling of the Bovine adipose tissues
 JOURNAL Unpublished (2003)
 COMMENT Contact: Dr. Du-Hak Yoon
 National Livestock Research Institute, RDA
 564 Omockhun-dong, Suwon, 441-350, Korea
 Tel: 82 31 290 1593
 Fax: 82 31 290 1792
 Email: dhyoon@rda.go.kr
 Insert length: 38 Strd Error: 0.00
 Seq primer: ATTTACCCCTCAGCTAAG
 POLYA=No.

FEATURES
 source Location/Qualifiers
 1..38
 /organism="Bos taurus"
 /mol_type="mRNA"
 /db_xref="taxon:9913"
 /clone="CF-02-R-121(5)"
 /sex="four males mixed"
 /tissue_type="adipose tissue"
 /cell_type="adipocyte"
 /dev_stage="24 months old"
 /lab_host="XLI-BlueMRF strain"
 /clone_id="Bos taurus CF-24-RW cDNA library"
 /note="Vector: Uni-ZAPXR; Site_1: EcoRI; Site_2: Xho I"

Query Match 0.2%; Score 12.4; DB 1; Length 38;
 Best Local Similarity 63.3%; Pred. No. 3.1e+02;
 Matches 19; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2806 GAGAAATGAAGAAGAGTGAAGGCGAGC 2835
 |||||
 Db 37 GAGAGAGAGAGAGAGAGAGAGAGAGAGAGC 8

RESULT 278 39 bp mRNA linear EST 15-AUG-2003
 CF303617/c ABF1--02-M05.g1 ABF1-ovexpressing transgenic rice lambda phage
 LOCUS cDNA library (ABF1) Oryza sativa (japonica cultivar-group) cDNA
 DEFINITION clone ABF1--02-M05, mRNA sequence.
 ACCESSION CF303617 GI:33675378
 VERSION CF303617
 KEYWORDS EST.
 SOURCE Oryza sativa (japonica cultivar-group)
 ORGANISM Oryza sativa (japonica cultivar-group)
 Oryza sativa (japonica cultivar-group)
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
 Ehrhartoideae; Oryzaceae; Oryza.
 1 (bases 1 to 39)
 Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
 Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
 Large-scale Sequencing Analysis of Rice ESTs
 Unpublished (2003)
 Contact: Nahm B.H.
 Genomics and Genetics Institute, Greengene Biotech Inc., Division
 of Bioscience and Bioinformatics, Myongji University
 Yongin, Kyonggi, Korea
 Tel: 82 31 330 6193
 Fax: 82 31 321 6355
 Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.
 Location/Qualifiers
 1..39
 /organism="Oryza sativa (japonica cultivar-group)"
 /mol_type="mRNA"
 /cultivar="Nackdong"
 /db_xref="taxon:3947"
 /clone="ABF1--02-M05"
 /tissue_type="leaf"

/dev_stage="14 days after germination"
 /lab_host="E.coli SOLR"
 /clone_id="ABF1-ovexpressing transgenic rice lambda
 phage cDNA library (ABF1)"
 /note="Vector: pBluescript SK(+); Site_1: EcoRI; Site_2:
 XhoI; Leaf was dried for 2hrs. cDNA was inserted into
 lambda uni-ZAP XR vector at 5' end with EcoRI and 3' end
 with XhoI site. mRNA was prepared from ABA-responsive
 element binding transcription factor 3 overexpression
 line."

Query Match 0.2%; Score 12.4; DB 1; Length 39;
 Best Local Similarity 63.3%; Pred. No. 3e+02;
 Matches 19; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2806 GAGAAATGAAGAAGAGTGAAGGCGAGC 2835
 |||||
 Db 37 GAGAGAGAGAGAGAGAGAGAGAGAGAGAGC 8

RESULT 279 17 bp mRNA linear EST 05-DEC-2002
 CA797810/c Cac BL 4975 Cac BL (bean and leaf from Amelonardo type Cacao)
 LOCUS Theobroma cacao cDNA clone Cac BL_4975 5', mRNA sequence.
 DEFINITION Theobroma cacao
 ACCESSION CA797810 GI:26054896
 VERSION CA797810.1 GI:26054896
 KEYWORDS EST.
 SOURCE Theobroma cacao (cacao)
 ORGANISM Theobroma cacao
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 rosids; eustosids II; Malvales; Malvaceae; Byctnerioideae;
 Theobroma.
 1 (bases 1 to 17)
 Jones,P.G., Allaway,D., Gilmour,D.M., Harris,C., Rankin,D.,
 Retzel,E.R. and Jones,C.A.
 Gene discovery and microarray analysis of cacao (Theobroma cacao
 L.) varieties
 Planta 216 (2), 255-264 (2002)
 MEDLINE 22337596
 PUBMED 12447539
 COMMENT Contact: Jones, Paul
 Masterfoods
 3d Dundee Road, Slough, Berkshire, UK, SL1 4UG
 Tel: +44 1664 416644
 Email: Paul.Jones@eu.efdem.com
 Seq primer: T3.

FEATURES
 source Location/Qualifiers
 1..17
 /organism="Theobroma cacao"
 /mol_type="mRNA"
 /strain="Amelonardo type"
 /db_xref="taxon:3641"
 /clone="Cac BL 4975"
 /tissue_type="Mature leaf and mature bean"
 /cell_type="Whole organ"
 /dev_stage="maturity"
 /lab_host="XLI-1 Blue MRF"
 /clone_id="Cac BL (bean and leaf from Amelonardo type
 Cacao)"
 /note="Vector: pBK-CMV; Bean and leaf tissue from an
 Amelonado type Cacao tree."

Query Match 0.2%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 1.9e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4353 TCCTTGAAGGCGCCATT 4369
 |||||
 Db 17 TTGTTGAAGGAGCCATT 1

Program 'Genoplante' (<http://www.genoplante.com> and
<http://genoplante-info.infobiogen.fr>).

FEATURES

source

Location/Qualifiers

1..18

/organism="Arabidopsis thaliana"

/mol_type="genomic DNA"

/cultivar="Mas111ewskiJa"

/db_xref="taxon:3702"

/clone="517803"

/clone_lib="Arabidopsis thaliana T-DNA insertion lines"

misc_feature

1..18

/note="T-DNA flanking sequence

right border"

Query Match

Best Local Similarity 0.24; Score 12.2; DB 1; Length 18;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4141 CTCTCCGGGAGCCTCTG 4158

Db 1 CTCTCCGGGAGCCTCTG 18

Search completed: October 28, 2004, 10:48:28
Job time : 19 secs

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